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Abbreviations

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- Studies in the theory of self-adjusting systems. 6467: ★Studies in the theory of self-adjusting systems.
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- Tables. 1173: ★Tables of folded-sin x/x interpolation coefficients. 1174: ★Tables of modified Bessel functions with imaginary index $K_{it}(x)$. 1175a: ★Tables numériques des fonctions associées de Legendre. Fonction associée de première espèce $P_n^m(\cos \theta)$. Deuxième fascicule: $[n: -0,5(0,1)10]$ $[m: 0(1)2]$ $[\theta: 0^\circ(1^\circ)180^\circ]$. 1175b: ★Tables numériques des fonctions associées de Legendre. Fonction associée de première espèce $P_n^m(\cos \theta)$. Troisième fascicule: $[N: -0,5(0,1)10]$ $[M: 3, 4, 5]$ $[\theta: 0^\circ(1^\circ)180^\circ]$. 2388: ★Theory and tables for tests of hypotheses concerning the mean and the variance of a Weibull population. 2433: ★Index of mathematical tables from all branches of sciences/Index mathematischer Tafelwerke und Tabellen aus allen Gebieten der Naturwissenschaften. 3089: ★Praktische Funktionenlehre. Zweiter Band: Theta-Funktionen und spezielle Weierstraßsche Funktionen. 7559: ★Tables relating to Mathieu functions: Characteristic values, coefficients, and joining factors.
- Tables numériques des fonctions associées de Legendre. 1175a: ★Tables numériques des fonctions associées de Legendre. Fonction associée de première espèce $P_n^m(\cos \theta)$. Deuxième fascicule: $[n: -0,5(0,1)10]$ $[m: 0(1)2]$ $[\theta: 0^\circ(1^\circ)180^\circ]$. 1175b: ★Tables numériques des fonctions associées de Legendre. Fonction associée de première espèce $P_n^m(\cos \theta)$. Troisième fascicule: $[N: -0,5(0,1)10]$ $[M: 3, 4, 5]$ $[\theta: 0^\circ(1^\circ)180^\circ]$.
- Tables of the Clebsch-Gordan coefficients. 3973: ★Tables of the Clebsch-Gordan coefficients.
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- Theory of functions and differential equations. 1430: ★Theory of functions and differential equations.
- Theory of Groups. 6732: ★Proceedings of the International Conference on the Theory of Groups.
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- Weak interactions. 1278: ★Symposium on weak interactions (Balatonvilágos, 31 May-5 June, 1966).

SUBJECT CLASSIFICATION

This is a list of headings, with code numbers, under which articles were classified during the first half of 1968. The headings in capital letters are essentially identical with those appearing in the monthly issues.

00. GENERAL

- 00 General mathematics
- 04 Collections of papers: Proceedings of conferences of general interest, translation volumes, etc. (See also 01.60)
- 20 General bibliographies
- 30 Dictionaries and other general reference works
- 50 Methodology and philosophy of mathematics

01. HISTORY AND BIOGRAPHY

- 01 General histories, source books
- 02 Primitive
- 05 Pre-Greek, Babylonian, Egyptian
- 08 Greek
- 10 Far East
- 12 Islam
- 15 Medieval
- 18 15th and 16th centuries, Renaissance
- 20 17th century
- 25 18th century
- 30 19th century
- 35 20th century
- 40 Contemporary
- 50 Biographies, obituaries, personalia
- 60 Collected or selected works; reprintings or translations of classics

02. LOGIC AND FOUNDATIONS

- 10 Classical deductive systems, general
- 12 Propositional calculus, two-valued
- 16 Predicate calculus
- 18 Classical proof theory
- 20 Non-classical logic, general
- 23 Intuitionism
- 25 Many-valued logic
- 27 Modal logic
- 30 Formal syntax and linguistics, general
- 32 Higher-order languages
- 35 Infinitary languages
- 38 Languages with additional quantifiers
- 40 Algebraic logic, general
- 42 Boolean algebras, lattices, topologies
- 45 Algebra of relations
- 48 Cylindric and polyadic algebras
- 50 Model theory, general
- 52 Semantics and metamathematics, categoricity
- 54 Axiomatics and applications, decision methods
- 57 Non-standard models
- 60 Axiomatic set theory, general
- 63 Formalization of set theory
- 65 Consistency, independence, existence
- 68 Measurability, accessibility, other special questions
- 70 Recursive function theory, general
- 72 Arithmetic and recursive analysis
- 74 Undecidability
- 75 Unsolvability in mathematical systems
- 77 Hierarchies
- 80 Algorithms and machines, general
- 82 Turing, Post, Thue schemes
- 85 Combinatory logic
- 88 Abstract automaton theory (See also 94.40)

04. SET THEORY

- 15 Point sets
- 20 Relations (See also 08.20)

30 Transfinite numbers

- 40 Descriptive set theory; Borel classifications, Suslin schemes, etc. (See also 28.10)
- 60 Combinatorial (See also 05.04)

05. COMBINATORIAL THEORY, GRAPH THEORY

- 04 Combinatorial choice problems; subsets, representatives
- 05 Factorials, binomial coefficients, combinatorial functions
- 10 Combinatorial enumeration problems, generating functions
- 15 Combinatorial inequalities
- 20 Block designs (See also 62.61)
- 22 Difference sets (number-theoretic, group-theoretic, etc.)
- 24 Orthogonal arrays, Latin squares
- 25 Matrices
- 27 Finite geometries (See also 50.60)
- 30 Other designs, configurations
- 35 Matroids, geometric lattices
- 40 Graphs, general theory
- 45 Trees
- 50 Topological graph theory, embedding (See also 55.10)
- 55 Chromatic theory of graphs and maps
- 60 Directed graphs (digraphs)
- 62 Graphs and groups
- 65 Enumeration of graphs and maps

06. ORDER, LATTICES, ORDERED ALGEBRAIC STRUCTURES

- 10 Total order
- 20 Partial order
- 30 Lattices, generalizations
- 35 Complemented lattices, generalizations
- 40 Modular lattices, continuous geometries, generalizations
- 50 Distributive lattices, generalizations
- 60 Boolean algebras and rings
- 65 Order topologies (See also 54.56)
- 70 Ordered semigroups, other generalizations of groups
- 75 Ordered groups
- 78 Ordered abelian groups
- 80 Ordered linear spaces (See also 46.06)
- 85 Ordered rings, algebras, modules (See 12.70 for ordered fields)
- 90 Other ordered algebraic structures

08. GENERAL MATHEMATICAL SYSTEMS

- 10 Concrete categories, structures (See also 18.10)
- 20 Laws of composition
- 30 Universal algebra, general algebraic structures
- 40 Other

10. THEORY OF NUMBERS

- 01 General books
- 02 Tables
- 03 Computations
- 05 Elementary number theory, general
- 06 Congruences, residues
- 07 Special functions and sequences
- 08 Elementary prime number theory
- 09 Expansions and algorithms
- 10 Diophantine equations, general
- 11 Linear and quadratic equations
- 12 Cubic and quartic equations
- 13 Equations of higher degree
- 14 Local (p -adic) theory
- 15 Forms, general
- 16 Quadratic, Hermitian forms
- 17 Forms of degree ≥ 3
- 18 Multilinear forms

- 20 Modular functions and forms, automorphic functions (See also 20.65, 30.49, 32.65)
 - 21 Modular group, modular functions
 - 22 Automorphic forms, one variable
 - 23 Several variables
 - 25 Geometry of numbers
 - 30 Diophantine approximation
 - 31 Linear approximation, continued fractions
 - 32 Algebraicity, irrationality and transcendence
 - 33 Distribution modulo 1, normal numbers
 - 34 Analytic and p -adic theory
 - 40 Analytic multiplicative theory, general
 - 41 Analytic tools (ζ - and L -functions, exponential sums, etc.)
 - 42 Distribution of the integers with specified multiplicative structure (including primes)
 - 43 Number-theoretic functions
 - 45 Analytic additive theory, general
 - 46 Sums of powers, generalizations
 - 47 Additive questions concerning primes
 - 48 Partitions, generating functions
 - 49 Sequences
 - 50 Probabilistic number theory
 - 55 Combinatorial problems in number theory (See also 05.00)
 - 60 Sequences of integers, general
 - 61 Recursive and other special sequences
 - 62 Addition of sequences, basis, essential components, etc.
 - 63 Density of special sequences
 - 64 Sieves
 - 65 Algebraic number theory, general (See also 12.50)
 - 66 Individual algebraic number fields (quadratic, cubic, cyclotomic, Kummer, etc.)
 - 67 Local theory (valuations, finite extensions of p -adic fields)
 - 68 Class field theory, complex multiplication
 - 69 Arithmetic of general rings
 - 75 Arithmetic theory of algebraic objects
 - 76 Polynomials
 - 77 Finite fields, power series fields
 - 78 Valued fields, algebraic function fields
 - 79 Matrices
 - 80 Decidability, other logical questions
12. FIELDS AND POLYNOMIALS
 - 10 Division rings (See also 16.46)
 - 20 Finite fields (See also 10.77)
 - 25 Polynomials over finite fields
 - 30 Polynomials
 - 40 Galois theory (See also 12.80, 13.70, 10.70)
 - 45 Algebraic extension fields
 - 50 Algebraic number fields (See also 10.65)
 - 70 Valuations, topological fields, ordered fields (See also 10.78, 12.98)
 - 75 Transcendental extension fields
 - 78 Algebraic function fields (See also 10.78, 14.35)
 - 80 Differential and difference algebra; differential Galois theory
13. COMMUTATIVE ASSOCIATIVE RINGS AND ALGEBRAS
(See also 16.00)
 - 10 General theory
 - 15 Integral domains, unique factorization domains
 - 20 Ideal theory
 - 25 Chain conditions; Artinian rings, Noetherian rings
 - 30 Radical theory
 - 40 Modules, representation
 - 50 Structure, classification
 - 60 Automorphisms, derivations
 - 70 Galois theory
 - 80 Extension theory
 - 90 Homological methods
 - 93 Rings of polynomials, formal power series
 - 95 Local rings
 - 98 Valuations (See also 12.70)
14. ALGEBRAIC GEOMETRY
 - 01 Algebraic varieties in real and complex spaces, classical algebraic geometry
 - 05 Algebraic geometry over abstract fields and rings, general
 - 08 Foundational questions
 - 10 Theories of equivalence
 - 15 Transformations and correspondences
 - 18 Singularities
 - 20 Algebraic curves, surfaces and special varieties
 - 35 Algebraic function fields (See also 10.78, 12.78)
 - 40 Arithmetic properties of varieties
 - 45 Rationality questions
 - 47 Weil conjectures, Riemann hypotheses
 - 48 Zeta functions for varieties (including mod p questions)
 - 49 Geometric analogues of arithmetic questions
 - 50 Group varieties (algebraic groups), abstract analytic groups
 - 51 Abelian varieties
 - 52 Abstract derivations and differentials
 - 55 Sheaf-theoretic and homological methods
15. LINEAR AND MULTILINEAR ALGEBRA, MATRIX THEORY
 - 05 Vector spaces, linear dependence, rank
 - 10 Linear equations
 - 15 Matrix inversion, generalized inverses
 - 20 Determinants, permanents, other special matrix functions
 - 25 Eigenvalues and eigenvectors
 - 30 Canonical forms, reductions, classification
 - 35 Matrix equations and identities
 - 38 Commutativity
 - 40 Algebraic systems of matrices (See also 16.48, 20.75)
 - 45 Matrices over special rings (quaternions, finite fields, etc.)
 - 48 Matrices of integers (See also 10.79)
 - 50 Linear inequalities
 - 55 Inequalities involving eigenvalues and eigenvectors
 - 58 Miscellaneous inequalities involving matrices
 - 60 Positive matrices
 - 65 Stochastic matrices
 - 70 Quadratic and bilinear forms, inner products
 - 75 Clifford algebras
 - 80 Multilinear algebra, tensor products
 - 85 Vector and tensor algebra, theory of invariants
 - 90 Exterior algebra, Grassman algebras
16. ASSOCIATIVE RINGS AND ALGEBRAS (See also 13.00)
 - 10 General theory
 - 15 Integral domains, unique factorization domains (non-commutative)
 - 20 Ideal theory
 - 25 Chain conditions; Artinian rings, Noetherian rings
 - 30 Radical theory
 - 32 Nil, nilpotent, radical rings
 - 40 Modules, representation
 - 42 Primitive rings
 - 44 Semisimple rings
 - 46 Simple rings, division rings
 - 48 Matrix rings
 - 49 Rings with polynomial identity
 - 50 Structure, classification
 - 53 Prime rings
 - 55 Rings with annihilator conditions
 - 56 Regular rings
 - 58 Rings with involution
 - 60 Automorphisms, derivations
 - 70 Galois theory
 - 80 Extension theory
 - 90 Homological methods
 - 94 Finite rings
 - 96 Semirings, other generalizations of rings (See also 08.00)
 - 98 Topological rings

17. NONASSOCIATIVE RINGS AND ALGEBRAS

- 10 General
- 20 Power associative
- 30 Lie (See also 22.80)
- 40 Jordan
- 50 Alternative
- 60 Other

18. CATEGORY THEORY, HOMOLOGICAL ALGEBRA

- 10 Abstract categories and functors (See also 08.10)
- 15 Abelian categories
- 20 Homological algebra

20. GROUP THEORY AND GENERALIZATIONS

- 08 Varieties of groups
- 10 Group presentations; free groups, generators, relations
- 15 Periodic groups
- 18 Groups with local properties
- 20 Groups acting on sets, permutation groups
- 22 Automorphism groups
- 25 Finite group theory
- 27 Structure of groups, classification
- 29 Simple groups
- 30 Abelian groups
- 40 Nilpotent, solvable, p -groups
- 43 Sylow subgroups, Π -subgroups
- 48 Group extensions
- 50 Homological methods in group theory
- 51 Limits of systems of groups
- 52 General products of groups (including semi-direct, wreath, free, amalgamated)
- 54 Special subgroups
- 56 Series of subgroups
- 58 Lattices of subgroups
- 60 Crystallographic and discrete geometric groups
- 65 Modular groups, discrete subgroups of classical groups
- 70 Classical groups (See also 22.55)
- 72 Collineation groups
- 75 Linear groups, general (See also 14.50)
- 80 Representations, characters, group algebras
- 85 Representations of symmetric groups
- 90 Semigroup algebras, representations, characters
- 92 Semigroups, general theory (See also 06.70)
- 93 Semigroups, structure and classification
- 95 Other binary systems; groupoids, quasigroups, loops
- 97 Ternary systems; heaps, semiheaps, heapoids
- 98 n -ary systems (See also 08.00)

22. TOPOLOGICAL GROUPS AND LIE THEORY

- 05 Topological semigroups and other generalizations of groups
- 10 Topological groups
- 20 Locally compact groups (See also 28.75 for Haar measure, 42.50 for LCA groups)
- 40 Transformation groups (See also 54.80, 54.82, 57.47)
- 50 Lie groups
- 55 Classical groups (See also 14.50, 20.70)
- 57 Representations and analysis of classical groups (See also 81.22)
- 60 Representations and analysis, general
- 65 Harmonic analysis on non-abelian groups (See 42.50 for LCA groups)
- 70 Homogeneous spaces, symmetric spaces (See also 53.66, 53.73, 57.45)
- 80 Lie algebras of Lie groups (See also 17.30)
- 90 Other Lie theory

26. FUNCTIONS OF REAL VARIABLES

- 10 Foundations: limits and generalizations, elementary topology of the line

20 Calculus

- 21 Elementary functions
- 30 Continuity and related questions (modulus of continuity, semicontinuity, discontinuities, etc.)
- 35 Classification of real functions; Baire classification of sets and functions (See also 28.00)
- 40 Differentiation, general theory; mean-value theorems (See also 28.16)
- 41 Non-differentiability (non-differentiable functions, points of non-differentiability), discontinuous derivatives
- 43 Generalized derivatives, derivatives of fractional order
- 44 Antidifferentiation
- 45 Denjoy integral, other special integrals
- 46 Integrals of Riemann, Stieltjes and Lebesgue type (See also 28.00)
- 49 Functions of bounded variation, generalizations
- 50 Monotonic functions, generalizations
- 52 Convexity, generalizations
- 54 Fixed-point theorems
- 55 Several variables, implicit function theorems, Jacobians, transformations with several variables
- 56 Length, area, volume
- 60 Polynomials
- 70 Inequalities (of a general and miscellaneous character)
- 80 Real-analytic functions, C^∞ functions

28. MEASURE AND INTEGRATION

- 10 Classes of sets (Borel fields, σ -rings, etc.), measurable sets, Suslin sets, analytic sets (See also 04.40)
- 13 Real- or complex-valued set functions, contents, measures, outer measures, capacities, etc.
- 16 Abstract differentiation theory, differentiation of set functions (See also 26.40)
- 20 Measurable and non-measurable functions; modes of convergence
- 25 Integration with respect to measures and other set functions
- 30 Integration theory via linear functionals (Radon measures, Daniell integrals, etc.)
- 40 Measures and integrals in product spaces
- 46 Measures and integrals in function spaces, linear spaces; Wiener measure
- 50 Vector-valued measures and integrals, integration of vector-valued functions
- 55 Integration and disintegration of measures, lifting theory
- 60 Measures and integrals with values in general ordered systems
- 65 Measures on Boolean rings, measure algebras
- 70 Measure-preserving transformations, flows (dynamical systems), ergodic theory
- 75 Invariant measures, Haar measure (See also 22.20)
- 80 Length, area, volume; other geometric measure theory

30. FUNCTIONS OF A COMPLEX VARIABLE

- 01 General questions, foundations
- 02 Monogenic properties of complex functions (also polygenic and areolar monogenic functions)
- 09 Inequalities in the complex domain
- 10 Polynomials
- 11 Zeros of polynomials
- 20 Power series
- 21 Behavior on the boundary of convergence. Overconvergence
- 24 Dirichlet series
- 25 Continued fractions
- 28 Analytic continuation
- 30 Sequences and series of analytic functions; uniform convergence, normal families, normal functions
- 35 Integration; integral representations; Cauchy integral, Poisson and Poisson-Stieltjes integrals
- 36 Moment problems; interpolation problems
- 40 Conformal mapping, general theory
- 41 Capacity, harmonic measure
- 42 Univalent functions

- 43 Coefficient problems
 - 44 Multivalent functions
 - 45 Riemann surfaces, uniformization
 - 46 Algebraic functions, Abelian integrals
 - 47 Quasiconformal mapping
 - 49 Automorphic functions and modular functions
 - 50 Maximum principle. Schwarz's lemma, Phragmén-Lindelöf theorems
 - 52 Extremal problems in the complex domain
 - 55 Entire functions, general theory
 - 56 Entire functions, representation by Dirichlet series
 - 57 Entire functions, growth estimates
 - 58 Entire functions, distribution of values
 - 60 Meromorphic functions, general theory
 - 61 Distribution of values, Picard-type theorems, Nevanlinna theory, defect (deficiency) theory
 - 62 Theory of cluster sets, prime ends, boundary behavior
 - 65 Bounded functions, positive real part, Blaschke products
 - 66 Bounded mean modulus, bounded characteristic
 - 67 H_p classes and other restrictions
 - 70 Approximation by polynomials and rational functions in the complex domain
 - 75 Boundary-value problems, Dirichlet problem
 - 77 Special boundary-value problems; Riemann-Hilbert problem. Inverse boundary problems
 - 79 Algebroid functions
 - 80 Topological function theory, functions topologically equivalent to analytic mappings
 - 81 Generalized analytic mappings. Pseudo-analytic functions of Bers, Vekua, etc.
 - 83 Functions of hypercomplex variables and generalized variables (See also 32.80)
 - 85 Spaces of analytic functions (See also 46.30)
 - 86 Kernel function and applications
 - 87 Algebras of analytic functions (See also 46.55)
31. POTENTIAL THEORY
- 10 Harmonic functions in the plane
 - 11 Harmonic functions, general
 - 13 Subharmonic, superharmonic functions
 - 20 Boundary-value problems, Dirichlet problem
 - 21 Capacity and harmonic measure
 - 22 Generalized capacity and potential
 - 30 Biharmonic and polyharmonic functions and equations
 - 35 Poisson's equation
 - 50 Axiomatic potential theory
32. SEVERAL COMPLEX VARIABLES
- 02 Foundations, general questions
 - 05 Polynomials, entire functions
 - 10 Power series, formal theory
 - 15 Integral representations
 - 17 Inequalities
 - 20 Domains of holomorphy
 - 22 Pseudoconvexity
 - 25 Local properties of holomorphic functions
 - 27 Removable singularities
 - 32 Complex symmetric spaces
 - 35 Bergman kernel function
 - 40 Analytic manifolds
 - 44 Analytic varieties
 - 47 Analytic spaces
 - 49 Stein spaces
 - 50 Analytic sheaves and cohomology theory
 - 60 Holomorphic mappings
 - 65 Automorphic functions
 - 70 Approximation theorems
 - 80 Nonarchimedean function theory
33. SPECIAL FUNCTIONS
- 04 Number-theoretic functions, special sequences
 - 10 Exponential and trigonometric functions
 - 15 Gamma and beta functions
 - 17 Error function, probability integral
 - 19 Elliptic functions and integrals
 - 20 Hypergeometric functions, generalizations
 - 21 E -functions, G -functions
 - 25 Cylindrical functions; Bessel functions
 - 27 Spherical functions; Legendre polynomials and functions, spherical harmonics, ultraspherical polynomials
 - 28 Lamé, Mathieu, spheroidal wave functions
 - 30 Wave functions
 - 32 Gegenbauer functions
 - 40 Orthogonal special functions and polynomials (Čebyšev, Hermite, Jacobi, Laguerre, etc.) (See also 42.15)
 - 45 Other special functions
 - 50 Special functions and Lie groups
34. ORDINARY DIFFERENTIAL EQUATIONS
- 02 Solutions in closed form; integration by quadratures; reduction of differential equations
 - 04 General existence and uniqueness theorems; continuous dependence of solution on parameter, initial and boundary conditions
 - 06 Differential equations in the complex domain
 - 10 Analytical theory: series, transformations, transforms, operational calculus, etc.
 - 20 Linear equations and systems, general
 - 30 Boundary-value problems for linear equations: spectral theory, asymptotic behavior of eigenfunctions, distribution of eigenvalues (See also 47.60)
 - 36 Nonlinear and multi-point boundary-value problems
 - 40 Qualitative theory, general
 - 41 Limit cycles, singular points
 - 42 Zeros, growth, oscillation and comparison of solutions
 - 45 Nonlinear oscillations, periodic and almost periodic solutions, integral manifolds, averaging method
 - 50 Asymptotic expansions, asymptotic behavior of solutions, turning points
 - 51 Stability
 - 53 Perturbations
 - 54 Singular perturbations; small parameter with highest derivative
 - 60 Equations and systems with randomness (See 60.75 for stochastic differential equations)
 - 65 Dynamical systems, systems on manifolds
 - 70 Differential equations of infinite order
 - 75 Functional differential equations: differential-difference equations, equations with retarded argument
 - 85 Optimal control problems
 - 90 Differential inequalities
 - 95 Differential equations in Banach and other abstract spaces
35. PARTIAL DIFFERENTIAL EQUATIONS
- 01 Existence and uniqueness theorems, general
 - 02 Successive approximations
 - 03 Cauchy-Kowalewski theorems, series solutions
 - 04 Variational methods, a priori estimates
 - 05 Analytic methods; singularities
 - 06 Other special methods
 - 07 Dependence of solutions on initial and boundary data, parameters
 - 09 Geometric theory, characteristics, transformations
 - 10 Qualitative theory, general
 - 11 Comparison theorems; oscillation, zeros and growth of solutions
 - 12 Periodic solutions
 - 13 Perturbations
 - 14 Singular perturbations, almost periodic solutions
 - 15 Stability and control, boundedness
 - 16 Asymptotic behavior of solutions
 - 19 Differential inequalities; a priori estimates
 - 20 Generalized solutions

SUBJECT CLASSIFICATION

- 21 Embedding theorems, Sobolev spaces (See also 46.38)
 - 23 Pseudodifferential operators (See also 47.65)
 - 24 Regularity of generalized solutions
 - 30 Linear equations and systems, first order
 - 31 Linear equations and systems, higher order
 - 35 Nonlinear equations and systems, first order
 - 36 Nonlinear equations and systems, higher order
 - 37 Cauchy problems
 - 38 Discontinuous coefficients or data
 - 39 Equations and systems with constant coefficients
 - 42 Second order elliptic equations
 - 43 Higher order elliptic equations
 - 44 Elliptic systems (linear or nonlinear)
 - 45 Boundary-value problems for elliptic equations
 - 46 Boundary-value problems for elliptic systems
 - 47 Quasilinear elliptic equations and systems
 - 48 Hypoelliptic equations and systems
 - 52 Second order hyperbolic equations
 - 53 Hyperbolic systems, hyperbolic equations of higher order
 - 55 Boundary-value problems for hyperbolic equations and systems
 - 57 Quasilinear hyperbolic equations and systems
 - 62 Second order parabolic equations
 - 63 Parabolic systems, parabolic equations of higher order
 - 65 Boundary-value problems for parabolic equations and systems
 - 70 Equations and systems of mixed type (boundary-value problems, etc.)
 - 75 Laplace's equation, reduced wave equation, Poisson's equation
 - 76 Wave equation
 - 77 Schrödinger equation
 - 78 Heat equation
 - 79 Other special equations and problems
 - 80 Eigenvalue problems, spectral theory, eigenfunction expansions (See also 47.65)
 - 88 Difference-partial differential equations; equations with time lag
 - 95 Operator equations, general (See also 34.95)
 - 96 Equations on manifolds
 - 97 Equations in function spaces
39. FINITE DIFFERENCES AND FUNCTIONAL EQUATIONS
- 10 Finite differences, general
 - 20 Difference equations (See also 65.70)
 - 30 Functional equations, general
 - 31 Classical functional equations
 - 33 Linear and multilinear functional equations
 - 35 Functional equations in several variables, systems
 - 37 Matrix functional equations
 - 38 Functional equations on abstract structures
40. SEQUENCES, SERIES, SUMMABILITY
- 10 Series and sequences of numbers, general
 - 11 Infinite products
 - 12 Continued fractions
 - 13 Convergence and divergence
 - 15 Multiple series and sequences
 - 20 Sequences and series of functions, convergence
 - 30 Summability, general methods
 - 31 Summability, matrix methods
 - 32 Cesàro summability
 - 33 Abel, Poisson summability
 - 35 Summability of double series
 - 40 Convergence and summability of integrals
 - 42 Tauberian theorems
 - 46 Functional-analytic methods in summability theory
 - 50 Summability in topological groups, linear spaces, etc.
41. APPROXIMATIONS AND EXPANSIONS
- 10 Interpolation
 - 15 Polynomial approximation (See also 30.70)
 - 17 Approximation by rational functions (See also 30.70)

- 30 Approximation by other special function classes
- 35 Approximation by operators (in particular, by integral operators)
- 40 Best approximation
- 41 Degree of approximation, rate of convergence
- 44 Approximate quadratures
- 50 Asymptotic expansions
- 55 Constructive theory of functions
- 60 Abstract approximation theory; approximation in normed linear spaces and other abstract spaces

42. FOURIER ANALYSIS

- 05 Trigonometric polynomials
- 06 Best approximation by trigonometric polynomials
- 08 Trigonometric interpolation
- 10 Fourier coefficients
- 11 Convergence of Fourier series
- 12 Absolute convergence of Fourier series
- 15 Orthogonal functions and polynomials, general (See also 33.40)
- 16 Expansions in orthogonal functions and polynomials
- 17 Completeness of sets of orthogonal functions
- 18 Completeness, closure, spectral synthesis
- 20 Summability of Fourier and generalized Fourier expansions
- 25 Fourier transform
- 26 Other Fourier-type transforms
- 27 Trigonometric moment problems
- 30 Almost periodic functions
- 35 Positive definite functions
- 40 Multiple Fourier series and integrals
- 50 Abstract harmonic analysis (Fourier analysis on LCA groups) (See also 22.65)
- 51 Characters, duality
- 52 Fourier-Stieltjes transform
- 54 Positive definite functions on LCA groups
- 55 Convolution, factorization
- 56 Measure algebras, group algebras (See also 46.80)
- 58 Ideals, spectral synthesis

44. INTEGRAL TRANSFORMS, OPERATIONAL CALCULUS

- 10 Laplace transform
- 25 Convolution
- 28 General transforms
- 30 Special transforms: Legendre, Hilbert, etc. (See also 45.33)
- 32 Multiple transforms
- 33 Transforms of special functions
- 40 Operational calculus
- 42 Operational calculus in several variables
- 50 Fractional integrals (See also 26.43)
- 60 Moment problems (See also 42.27)

45. INTEGRAL EQUATIONS

- 10 Linear integral equations, general (See also 47.70)
- 11 Fredholm equations
- 12 Eigenvalue problems
- 13 Volterra equations
- 15 Singular equations
- 20 Systems of linear equations
- 30 Nonlinear integral equations (See also 47.80)
- 31 Singular nonlinear equations
- 33 Miscellaneous special kernels (See also 44.30)
- 40 Integro-differential equations, ordinary
- 45 Integro-partial differential equations

46. FUNCTIONAL ANALYSIS

- 01 Topological linear spaces
- 06 Ordered TLS; vector lattices
- 10 Normed linear spaces, Banach spaces
- 15 Inner product spaces, Hilbert spaces, spaces with an indefinite metric
- 20 Other special spaces
- 25 Spaces of continuous functions

- 30 Spaces of differentiable and analytic functions
- 35 Spaces of measurable functions; L^p spaces, Orlicz spaces
- 38 Sobolev spaces, embedding theorems, interpolation spaces (See also 35.21, 47.65)
- 40 Distributions, generalized functions
- 45 Derivatives and differentials in abstract spaces
- 50 Topological algebras, normed rings and algebras, Banach algebras: general theory
- 55 Commutative Banach algebras; function algebras
- 60 Rings and algebras with an involution, \ast -algebras: general theory
- 65 Rings and algebras of operators (with or without involution); C^\ast -algebras, von Neumann algebras
- 80 Group algebras, convolution algebras (See also 22.65, 42.56)
- 90 Miscellaneous applications of functional analysis
- 47. OPERATOR THEORY
 - 10 Single linear operators, general theory
 - 20 Operators in ordered spaces
 - 25 Operators in function spaces and other special spaces (See also 28.70)
 - 30 Spectral theory, functional calculus
 - 35 Reducibility, invariant subspaces
 - 40 Structure, classification, canonical forms
 - 45 Compact (completely continuous) operators
 - 48 Perturbation theory
 - 50 Semigroups and groups of operators
 - 55 Other systems of operators (See also 46.65)
 - 60 Ordinary differential operators (See also 34.30)
 - 65 Partial differential operators (See also 35.80)
 - 70 Integral and integro-differential operators
 - 80 Nonlinear operators, general theory
 - 85 Fixed-point theorems (See also 54.85)
 - 90 Miscellaneous applications
- 49. CALCULUS OF VARIATIONS, OPTIMAL CONTROL (See also 93.40)
- 50. GEOMETRY (See also 14.00)
 - 05 Foundations
 - 10 Euclidean
 - 14 Constructions
 - 20 Affine geometry, general
 - 25 Transformations
 - 30 Projective geometry, general
 - 35 Transformations
 - 38 Second-order loci
 - 40 Non-Euclidean geometry (i.e. hyperbolic or elliptic)
 - 48 Special geometries
 - 60 Finite geometries (See also 05.27)
 - 70 Projective planes
 - 90 Regular figures, divisions of space (See also 52.00)
- 52. CONVEX SETS AND GEOMETRIC INEQUALITIES
 - 10 Convex polyhedra
 - 25 Convex curves
 - 30 Convex regions
 - 34 Helly-type theorems
 - 40 Extremum problems and geometric inequalities
 - 45 Packing and covering (See also 50.90)
 - 50 Distance geometries
- 53. DIFFERENTIAL GEOMETRY
 - 01 Curves and surfaces in Euclidean spaces
 - 04 Minimal surfaces
 - 10 Affine differential geometry
 - 20 Projective differential geometry
 - 23 Differential line geometry
 - 25 Conformal differential geometry
 - 30 Non-Euclidean differential geometry
 - 32 Other special differential geometries
- 35 Vector and tensor analysis
- 38 Spinor analysis
- 40 Differentiable manifolds (general theory), e.g., definitions, jets, tangent bundles (See also 57.30)
- 42 Differential invariants (local theory), geometric objects
- 45 Differential calculus (global theory); forms, currents, integration, tensor fields, etc. (See also 57.50)
- 50 Connections, general
- 52 G -structures
- 55 Affine connections
- 60 Projective connections
- 66 Homogeneous manifolds (See also 22.70, 57.45)
- 70 Local Riemannian geometry
- 72 Riemannian manifolds
- 73 Symmetric spaces (See also 22.70, 57.45)
- 74 Submanifolds, isometric imbeddings (See also 57.20)
- 75 Global surface theory (convex surfaces)
- 78 Lorentz metrics and generalizations
- 80 Hermitian and Kählerian structures (See also 32.00, 57.60)
- 85 Finsler spaces and generalizations (areal metrics)
- 90 Integral geometry
- 95 Direct methods (G -spaces of Busemann), geometric orders
- 99 Other generalizations
- 54. GENERAL TOPOLOGY
 - 10 Axiomatics; generalizations of topological spaces, syntopogenous spaces
 - 20 Topological spaces, general
 - 22 Convergence notions
 - 23 Separation axioms, T_i -spaces
 - 25 General constructs (products, quotients, limits, etc.)
 - 28 Function spaces
 - 30 Uniform structures, proximity spaces
 - 35 Metric spaces, metrizability
 - 38 Moore spaces
 - 40 Countability conditions, separability, Lindelöf spaces
 - 50 Paracompact spaces
 - 52 Compactness, local compactness, generalizations
 - 53 Compactifications, other extensions
 - 55 Connectedness, continua
 - 56 Ordered topological spaces (See also 06.65)
 - 60 Mappings
 - 65 Set-valued mappings
 - 70 Dimension theory (See also 55.38)
 - 75 Topology of E_2 , 2-manifolds
 - 78 Topology of E_n , n -manifolds ($n > 2$)
 - 80 Transformation groups and semigroups (See also 22.40)
 - 82 Topological dynamics
 - 85 Fixed-point theorems, coincidence theorems, etc. (See also 47.85)
- 55. ALGEBRAIC TOPOLOGY
 - 10 Graphs, map-coloring (See also 05.40)
 - 20 Knots, links (See also 57.20)
 - 25 Cell-complexes, simplicial complexes
 - 30 Homology and cohomology theories; K -theory
 - 32 Sheaves
 - 34 Cohomology operations, Steenrod algebra
 - 36 Periodic transformations, fixed points, coincidences (Smith theory)
 - 38 Dimension theory (See also 54.70)
 - 40 Homotopy theory, general
 - 42 Algebra of mappings (including cohomotopy groups)
 - 45 Computation of homotopy groups
 - 50 Fiber spaces (See also 57.30)
 - 52 Spectral sequences
 - 60 Manifolds (See also 53.40, 54.78, 57.01)
 - 66 Generalized manifolds, local homology
 - 68 Homotopy manifolds
 - 70 Imbedding, immersion (See also 57.20)

SUBJECT CLASSIFICATION

57. TOPOLOGY AND GEOMETRY OF MANIFOLDS

- 01 Topological manifolds, combinatorial manifolds (See also 55.60)
- 05 Geometric topology
- 10 Differentiable structures, cobordism
- 20 Differentiable mappings, imbeddings, immersions, diffeomorphisms (See also 53.74, 55.70)
- 30 Fiber bundles, vector bundles (See also 53.40, 55.50)
- 31 Topology of differentiable manifolds (See also 54.78)
- 32 Characteristic classes
- 34 Topology of vector and tensor fields
- 36 Foliations (See also 34.65)
- 40 Topology of Lie groups
- 45 Topology of homogeneous spaces (See also 22.70, 53.66, 53.73)
- 47 Transformation groups (See also 22.40, 54.80)
- 50 Analysis on differentiable manifolds (See also 53.72)
- 55 Infinite-dimensional manifolds
- 60 Complex manifolds (See also 32.00, 53.80)
- 70 Infinite Lie groups, deformations

60. PROBABILITY

- 02 Axioms, foundations
- 05 Probabilistic measure theory
- 08 Probability in topological groups, other structures
- 10 Combinatorial probability
- 15 Geometric probability
- 20 Distributions, characteristic functions
- 30 Limit theorems
- 40 Stochastic processes, general theory
- 50 Stationary processes
- 60 Markov processes, general
- 62 Hunt processes, diffusion processes, Brownian motion, probabilistic potential theory
- 65 Markov chains
- 66 Random walks
- 67 Branching processes; Galton-Watson, birth-and-death processes
- 69 Other special processes
- 70 Renewal theory
- 75 Stochastic differential and integral equations
- 80 Queueing, congestion, allocation, storage
- 90 Other applications

62. STATISTICS

- 05 Foundations: axiomatics, sufficiency, invariance, other general considerations
- 10 Distribution theory
- 15 Asymptotic theory
- 16 Exact and asymptotic efficiency
- 20 Estimation: parametric case
- 25 Hypothesis testing: parametric case
- 30 Decision theory
- 31 Ranking and selection
- 35 Bayesian inference
- 40 Multivariate analysis
- 41 Classification and discrimination
- 45 Sequential methods
- 50 Information-theoretic methods
- 55 Linear statistical inference, regression analysis
- 56 Analysis of variance; hierarchical models
- 60 Design and analysis of experiments, general
- 61 Construction of designs (See also 05.20)
- 62 Optimal designs
- 63 Factorial designs
- 64 Paired and multiple comparisons
- 70 Non-parametric methods
- 71 Goodness-of-fit tests
- 75 Order statistics
- 80 Engineering statistics; life testing and reliability, quality control
- 85 Statistical analysis of stochastic processes; time series

- 90 Sample surveys
- 95 Count data, contingency tables
- 97 Biometrics
- 99 Other applications

65. NUMERICAL METHODS

- 05 Tables, construction of tables
- 10 General mathematical methods; iteration, acceleration of convergence, numerical experiments
- 15 Monte Carlo methods
- 20 Interpolation, smoothing, least squares, curve fitting, approximation of functions
- 25 Computation of special functions, series, integrals
- 30 Mathematical programming and optimization techniques
- 33 Linear inequalities
- 35 Linear equations, determinants, matrices
- 40 Eigenvalues, eigenvectors
- 50 Solution of algebraic and transcendental equations and systems
- 55 Numerical differentiation and integration, quadrature, cubature, etc.
- 60 Ordinary differential equations, general
- 61 Initial value problems
- 62 Boundary value problems
- 65 Partial differential equations, general
- 66 Elliptic equations
- 67 Hyperbolic equations
- 68 Parabolic equations
- 70 Difference and functional equations
- 75 Integral and integro-differential equations
- 80 Error analysis
- 82 Miscellaneous inequalities
- 85 Graphical methods
- 90 Harmonic analysis and synthesis

68. COMPUTING MACHINES

69. GENERAL APPLIED MATHEMATICS

70. MECHANICS OF PARTICLES AND SYSTEMS

- 34 Ordinary differential equations
- 35 Partial differential equations
- 45 Integral and integro-differential equations
- 49 Calculus of variations
- 60 Probability
- 65 Numerical methods

73. ELASTICITY, PLASTICITY

- 34 Ordinary differential equations
- 35 Partial differential equations
- 44 Integral transforms
- 45 Integral and integro-differential equations
- 46 Functional analysis
- 49 Calculus of variations
- 60 Probability
- 65 Numerical methods

76. FLUID MECHANICS, ACOUSTICS

- 34 Ordinary differential equations
- 35 Partial differential equations
- 41 Approximations and expansions
- 44 Integral transforms
- 45 Integral and integro-differential equations
- 46 Functional analysis
- 49 Calculus of variations
- 60 Probability
- 65 Numerical methods

78. OPTICS, ELECTROMAGNETIC THEORY

- 31 Potential theory
- 34 Ordinary differential equations
- 35 Partial differential equations

SUBJECT CLASSIFICATION

- 45 Integral and integro-differential equations
- 65 Numerical methods
- 80. CLASSICAL THERMODYNAMICS, HEAT TRANSFER
 - 31 Potential theory
 - 35 Partial differential equations
- 81. QUANTUM MECHANICS
 - 06 Order, lattices
 - 22 Lie groups and algebras, representations
 - 30 Functions of a complex variable
 - 31 Potential theory
 - 32 Several complex variables
 - 34 Ordinary differential equations
 - 35 Partial differential equations
 - 45 Integral and integro-differential equations
 - 46 Functional analysis; C^* -algebras
 - 47 Operator theory
 - 60 Probability
 - 62 Statistics
- 82. STATISTICAL PHYSICS, STRUCTURE OF MATTER
 - 20 Group theory
 - 45 Integral and integro-differential equations
 - 62 Statistics
- 83. RELATIVITY
 - 35 Partial differential equations
 - 53 Differential geometry
- 85. ASTRONOMY AND ASTROPHYSICS
- 86. GEOPHYSICS
- 90. ECONOMICS, OPERATIONS RESEARCH, PROGRAMMING, GAMES
 - 10 Economics
 - 30 Operations research
- 40 Multi-stage decision processes, dynamic programming (general)
- 50 Linear programming
- 56 Integer programming
- 57 Stochastic programming
- 58 Nonlinear programming, general
- 59 Quadratic programming
- 60 Convex programming
- 70 Game theory
- 72 Stochastic games
- 75 Differential and continuous games (See also 93.40)
- 92. BIOLOGY AND BEHAVIORAL SCIENCES
 - 10 Biology
 - 20 Genetics
 - 30 Population dynamics, epidemiology
 - 40 Sociology
 - 50 Psychology
- 93. SYSTEMS, CONTROL
 - 10 Systems, general
 - 20 Stability, qualitative behavior
 - 40 Optimal control (See also 34.85, 35.15, 49.00, 90.00)
 - 60 Stochastic control
 - 70 Adaptive control
- 94. INFORMATION AND COMMUNICATION, CIRCUITS, AUTOMATA
 - 10 Communication theory
 - 20 Information theory
 - 30 Circuits, networks; applications of graph theory, Boolean algebra
 - 40 Automata, general (See also 02.88)
 - 45 Probabilistic automata
 - 50 Linguistics, formal languages

ABBREVIATIONS OF NAMES OF JOURNALS

This list gives the form of references used in MATHEMATICAL REVIEWS and the complete title; the place of publication and other pertinent information are given in parentheses when desirable for clarity.

- Abh. Akad. Wiss. Göttingen Math.-Phys. Kl.* Abhandlungen der Akademie der Wissenschaften in Göttingen. Mathematisch-Physikalische Klasse. (Göttingen)
- Abh. Deutsch. Akad. Wiss. Berlin Kl. Math. Phys. Tech.* Abhandlungen der Deutschen Akademie der Wissenschaften zu Berlin. Klasse für Mathematik, Physik und Technik. (Berlin)
- Abh. Math. Sem. Univ. Hamburg.* Abhandlungen aus dem Mathematischen Seminar der Universität Hamburg. (Hamburg)
- Abh. Sächs. Akad. Wiss. Leipzig Math.-Natur. Kl.* Abhandlungen der Sächsischen Akademie der Wissenschaften zu Leipzig. Mathematisch-Naturwissenschaftliche Klasse. (Leipzig)
- Abstracts Bulgarian Sci. Lit. Math. Phys. Astronom. Geophys. Geodes.* Bulgarian Academy of Sciences. Centre of Scientific Information and Documentation. Abstracts of Bulgarian Scientific Literature. Mathematics, Physics, Astronomy, Geophysics, Geodesy. (Sofia)
- Acad. R. P. Romîne Baza Cerc. Şti. Timişoara Stud. Cerc. Şti. Tehn.* Academia Republicii Populare Romîne. Baza de Cercetări Ştiinţifice Timişoara. Studii şi Cercetări Ştiinţe Tehnice. (Timişoara)
- Acad. R. P. Romîne Stud. Cerc. Mec. Apl.* Academia Republicii Populare Romîne. Institutul de Mecanică Aplicată "Traian Vuia". Studii şi Cercetări de Mecanică Aplicată. (Bucharest) (Continued as: *Stud. Cerc. Mec. Apl.*)
- Acad. Roy. Belg. Bull. Cl. Sci. Académie Royale de Belgique.* Bulletin de la Classe des Sciences. Koninklijke Belgische Academie. Mededelingen van de Klasse der Wetenschappen. (Brussels)
- Acad. Roy. Belg. Cl. Sci. Mém. Coll. in-8°.* Académie Royale de Belgique. Classe des Sciences. Mémoires. Collection in-8°. Koninklijke Belgische Academie. Klasse der Wetenschappen. Verhandelingen. Verzameling in-8°. (Brussels)
- Acad. Serbe Sci. Arts Glas.* Académie Serbe des Sciences et des Arts. Glas. Classe des Sciences Mathématiques et Naturelles. Nouvelle Série. (Belgrade)
- Accad. Naz. Sci. Lett. Arti Modena Atti Mem.* Accademia Nazionale di Scienze Lettere e Arti. Modena. Atti e Memorie. (Modena)
- Acta Acad. Åbo. Ser. B.* Acta Academiae Åboensis, Ser. B. Mathematica et Physica. Matematik-Naturvetenskap-Teknik. (Åbo = Turku)
- Acta Acust. Sinica.* Acta Acustica Sinica. (Peking)
- Acta Arith.* Polska Akademia Nauk. Instytut Matematyczny. Acta Arithmetica. (Warsaw)
- Acta Astronom. Sinica.* Acta Astronomica Sinica. (Peking)
- Acta Fac. Rerum Natur. Univ. Comenian.* Acta Facultatis Rerum Naturalium Universitatis Comenianae. (Bratislava)
- Acta Math.* Acta Mathematica. (Uppsala)
- Acta Math. Acad. Sci. Hungar.* Acta Mathematica Academiae Scientiarum Hungaricae. (Budapest)
- Acta Math. Sinica.* Acta Mathematica Sinica. (Peking) (Translated as: *Chinese Math.-Acta*)
- Acta Mech.* Acta Mechanica. (Vienna)
- Acta Mech. Sinica (New York).* Acta Mechanica Sinica. (New York) (Translation of *Acta Mech. Sinica (Peking)*)
- Acta Mech. Sinica (Peking).* Acta Mechanica Sinica. (Peking) (Translated as: *Acta Mech. Sinica (New York)*)
- Acta Mexicana Ci. Tecn.* Instituto Politécnico Nacional. Acta Mexicana de Ciencia y Tecnología. (Mexico City)
- Acta Philos. Fenn.* Acta Philosophica Fennica. (Helsinki)
- Acta Phys. Acad. Sci. Hungar.* Acta Physica Academiae Scientiarum Hungaricae. (Budapest)
- Acta Phys. Austriaca.* Acta Physica Austriaca. (Vienna)
- Acta Phys. Polon.* Polska Akademia Nauk. Instytut Fizyki. Acta Physica Polonica. (Warsaw)
- Acta Phys. Sinica.* Acta Physica Sinica. (Peking) (Translated as: *Chinese J. Phys. (Peking)*)
- Acta Polytech. Scand. Math. and Comput. Mach. Ser.* Acta Polytechnica Scandinavica. Mathematics and Computing Machinery Series. (Stockholm)
- Acta Sci. Math. (Szeged).* Acta Universitatis Szegediensis. Acta Scientiarum Mathematicarum. (Szeged)
- Acta Sci. Natur. Univ. Pekinensis.* Acta Scientiarum Naturalium Universitatis Pekinensis. (Peking)
- Acta Tech. Acad. Sci. Hungar.* Acta Technica Academiae Scientiarum Hungaricae. (Budapest)
- Actualités Sci. Indust.* Actualités Scientifiques et Industrielles. (Paris)
- Advances in Math.* Advances in Mathematics. (New York)
- AIAA J.* AIAA Journal. (Easton, Pa.)
- Akad. Nauk Armjan. SSR Dokl.* Akademija Nauk Armjanskoi SSR. Doklady. (Erevan)
- Akad. Nauk Azerbaidžan. SSR Dokl.* Akademija Nauk Azerbaidžanskoi SSR. Doklady. (Baku)
- Akad. Nauk Azerbaidžan. SSR Trudy Inst. Mat. Meh.* Akademija Nauk Azerbaidžanskoi SSR. Trudy Instituta Matematiki i Mexaniki. (Baku)
- Akad. Nauk Gruzin. SSR Trudy Tbilis. Mat. Inst. Razmadze.* Akademija Nauk Gruzinskoi SSR. Trudy Tbilisskogo Matematitseskogo Instituta im. A. M. Razmadze. (Tbilisi) See Sakharth. SSR Mecn. Akad. Math. Inst. Šrom.
- Akad. Nauk Kazah. SSR Trudy Astrofiz. Inst.* Akademija Nauk Kazahskoi SSR. Trudy Astrofizitseskogo Instituta. (Alma-Ata)
- Akad. Nauk Kazah. SSR Trudy Sekt. Mat. Meh.* Akademija Nauk Kazahskoi SSR. Trudy Sektora Matematiki i Mexaniki. (Alma-Ata)
- Akad. Nauk SSSR Izv. Sibirsk. Otd.* Akademija Nauk SSSR. Izvestija Sibirskogo Otdelenija Akademii Nauk SSSR. (Novosibirsk) (Continued as: *Izv. Sibirsk. Otd. Akad. Nauk SSSR*)
- Akad. Nauk SSSR Sibirsk. Otdel. Inst. Avtomat. Elektrometr. Trudy.* Akademija Nauk SSSR. Sibirskoe Otdelenie. Institut Avtomatiki i Elektrometrii. Trudy. (Novosibirsk)
- Akad. Nauk SSSR Trudy Jakutsk. Filial. Ser. Fiz.* Akademija Nauk SSSR. Trudy Jakutskogo Filiala. Serija fizičeskaja. (Moscow)

- Akad. Nauk Uzbek. SSR Trudy Inst. Mat.* Akademija Nauk Uzbekakol SSR. Trudy Instituta Matematiki im. V. I. Romanovskogo. (Tashkent)
- Akad. Wiss. Lit. Mains Abh. Math.-Natur. Kl.* Akademie der Wissenschaften und der Literatur in Mainz. Abhandlungen der Mathematisch-Naturwissenschaftlichen Klasse. (Wiesbaden)
- Akust. Ž.* Akademija Nauk SSSR. Akustičeskij Žurnal. (Moscow) (Translated as: *Soviet Physics Acoust.*)
- Algebra i Logika Sem.* Akademija Nauk SSSR. Sibirskoe Otdelenie. Institut Matematiki. Algebra i Logika. Seminar. (Novosibirsk)
- Algoritmy i Algoritmy. Jazyki.* Vyšitel'nyj Centr Akademii Nauk SSSR. Algoritmy i Algoritmičeskije Jazyki. (Moscow)
- Algoritmy.* Algoritmy. Prace Instytutu Maszyn Matematycznych Polskiej Akademii Nauk. (Warsaw)
- Allgemein. Statist. Arch.* Allgemeines statistisches Archiv. Organ der Deutschen Statistischen Gesellschaft. (Munich)
- Amer. J. Math.* American Journal of Mathematics. (Baltimore, Md.)
- Amer. J. Phys.* American Journal of Physics. (New York)
- Amer. Math. Monthly.* The American Mathematical Monthly. (Buffalo, N.Y.)
- Amer. Math. Soc. Transl.* American Mathematical Society Translations. (Providence, R.I.)
- AMR.* Applied Mechanics Reviews. (New York)
- An. Acad. Brazil. Ci.* Anais da Academia Brasileira de Ciências. (Rio de Janeiro)
- An. Fac. Ci. Univ. Porto.* Anais da Faculdade de Ciências. Universidade do Porto. (Porto, Portugal)
- An. Inst. Mat. Univ. Nac. Autónoma México.* Anales del Instituto de Matemáticas. Universidad Nacional Autónoma de México. (Mexico City)
- An. Ști. Univ. "Al. I. Cuza" Iași Sec. I a Mat.* Analele Științifice ale Universității "Al. I. Cuza" din Iași. (Seria Nouă). Secțiunea I. a. Matematică. (Iași)
- An. Univ. București Ser. Acta Logica.* Analele Universității București. Seria Acta Logica. (Bucharest)
- An. Univ. București Ser. Ști. Natur. Fiz.* Analele Universității București. Seria Științele Naturii. Fizică. (Bucharest)
- An. Univ. București Ser. Ști. Natur. Mat.-Mec.* Analele Universității București. Seria Științele Naturii. Matematică-Mecanică. (Bucharest)
- An. Univ. Timișoara Ser. Ști. Mat.-Fiz.* Analele Universității din Timișoara. Seria Științe Matematice-Fizice. (Timișoara)
- Ann. Acad. Sci. Fenn. Ser. A I.* Suomalaisen Tiedekattemian Toimituksia. Sarja A. Annales Academiæ Scientiarum Fennicæ. Series A. I. Mathematica. (Helsinki)
- Ann. Acad. Sci. Fenn. Ser. A VI.* Suomalaisen Tiedekattemian Toimituksia. Sarja A. Annales Academiæ Scientiarum Fennicæ. Series A. VI. Physica. (Helsinki)
- Ann. Astrophys.* Annales d'Astrophysique. (Paris)
- Ann. Fac. Sci. Univ. Toulouse.* Annales de la Faculté des Sciences de l'Université de Toulouse pour les Sciences Mathématiques et les Sciences Physiques. (Toulouse)
- Ann. Inst. Fourier (Grenoble).* Université de Grenoble. Annales de l'Institut Fourier. (Grenoble)
- Ann. Inst. H. Poincaré Sect. A.* Annales de l'Institut Henri Poincaré. Section A: Physique théorique. (Paris)
- Ann. Inst. H. Poincaré Sect. B.* Annales de l'Institut Henri Poincaré. Section B: Calcul des probabilités et statistique. (Paris)
- Ann. Inst. Statist. Math.* Annals of the Institute of Statistical Mathematics. (Tokyo)
- Ann. Japan Assoc. Philos. Sci.* Annals of the Japan Association for Philosophy of Science. (Tokyo)
- Ann. Mat. Pura Appl.* Annali di Matematica Pura ed Applicata. (Bologna)
- Ann. Math. Statist.* The Annals of Mathematical Statistics. (Baltimore, Md.)
- Ann. of Math.* Annals of Mathematics. (Princeton, N.J.)
- Ann. Physics.* Annals of Physics. (New York)
- Ann. Physik.* Annalen der Physik. (Leipzig)
- Ann. Physique.* Annales de Physique. (Paris)
- Ann. Polon. Math.* Polska Akademia Nauk. Annales Polonici Mathematici. (Warsaw)
- Ann. Sci. École Norm. Sup.* Annales Scientifiques de l'École Normale Supérieure. (Paris)
- Ann. Scuola Norm. Sup. Pisa.* Annali della Scuola Normale Superiore di Pisa. Scienze Fisiche e Matematiche. (Pisa)
- Ann. Soc. Sci. Bruxelles Sér. I.* Annales de la Société Scientifique de Bruxelles. Série I. Sciences Mathématiques, Astronomiques et Physiques. (Brussels)
- Ann. Univ. Ferrara Sez. VII.* Annali dell'Università di Ferrara. (Nuovo Serie). Sezione VII. Scienze Matematiche. (Ferrara)
- Ann. Univ. Lyon Sect. B.* Annales de l'Université de Lyon. Section B. Sciences Physiques et Chimiques. (Lyon)
- Ann. Univ. Mariae Curie-Skłodowska Sect. A.* Annales Universitatis Mariae Curie-Skłodowska. Section A. Mathematica. (Lublin)
- Ann. Univ. Mariae Curie-Skłodowska Sect. AA.* Annales Universitatis Mariae Curie-Skłodowska. Section AA. Physics and Chemistry. (Lublin)
- Ann. Univ. Sarav. Math.-Natur. Fak.* Annales Universitatis Saravienensis. Mathematisch-Naturwissenschaftliche Fakultät. (Berlin)
- Ann. Univ. Sci. Budapest. Eötvös Sect. Math.* Annales Universitatis Scientiarum Budapestinensis de Rolando Eötvös Nominatae. Sectio Mathematica. (Budapest)
- Ann. Univ. Turku. Ser. A I.* Annales Universitatis Turkuensis. Series A. I. Astronomica-Chemica-Physica-Mathematica. (Turku)
- Annuaire Univ. Sofia Fac. Math.* Godišnik na Sofijskija Universitet Matematičeski Fakultet. Annuaire de l'Université de Sofia. Faculté de Mathématiques. (Sofia)
- Annuaire Univ. Sofia Fac. Phys.* Godišnik na Sofijskija Universitet Fizičeski Fakultet. Annuaire de l'Université de Sofia. Faculté de Physique. (Sofia)
- Annual Rep. Coll. Lib. Arts Univ. Iwate.* Annual Report of the College of Liberal Arts, University of Iwate. (Kakuzanwaki)
- Appl. Mat.* Československá Akademie Věd. Aplikace Matematiky. (Prague)
- Appl. Mech. Rev.* Applied Mechanics Reviews. (New York) (Sometimes abbreviated as *AMR* in the text of *Math. Reviews*)
- Appl. Sci. Res.* Applied Scientific Research. (The Hague)
- Appl. Statist.* Applied Statistics. A Journal of the Royal Statistical Society. (London)
- Arch. Univ. Bergen Mat.-Natur. Ser.* Årbok for Universitetet i Bergen. Mat.-Naturv. Serie. (Bergen)
- Arch. Automat. i Telemekh.* Instytut Automatyki Polskiej Akademii Nauk. Archiwum Automatyki i Telemekhaniki. (Warsaw)
- Arch. History Exact Sci.* Archive for History of Exact Sciences. (Berlin)
- Arch. Math. (Basel).* Archiv der Mathematik. Archives of Mathematics. Archives Mathématiques. (Basel-Stuttgart)
- Arch. Math. (Brno).* Spisy Přírodovědecké Fakulty University J. E. Purkyně v Brně. Archivum Mathematicum. (Brno)
- Arch. Math. Logik Grundlagenforsch.* Archiv für mathematische Logik und Grundlagenforschung. (Stuttgart)
- Arch. Mech. Stos.* Polska Akademia Nauk. Instytut Podstawowych Problemów Techniki. Archiwum Mechaniki Stosowanej. (Warsaw)
- Arch. Rational Mech. Anal.* Archive for Rational Mechanics and Analysis. (Berlin)

ABBREVIATIONS OF NAMES OF JOURNALS

- Archimede*. Archimede. Rivista per gli Insegnanti e i Cultori di Matematiche Pure e Applicate. (Florence)
- Ark. Astronom.* Arkiv för Astronomi. (Stockholm)
- Ark. Fys.* Arkiv för Fysik. (Stockholm)
- Ark. Mat.* Arkiv för Matematik. (Stockholm)
- Arkhimedes*. Arkhimedes. Suomen Fysiikkoseura—Finlands Fysikerförening r.y. Suomen Matemaattinen Yhdistys—Finlands Matematiikka Seuran r.y. (Helsinki)
- Arquivo Inst. Gulbenkian Ci. A Estud. Mat. Fis.-Mat.* Arquivo do Instituto Gulbenkian de Ciência. A. Estudos Matemáticos e Físico-Matemáticos. (Lisbon)
- Assoc. Roy. Actuaire. Belges Bull.* Association Royale des Actuaire Belges. Bulletin. (Brussels)
- Astrofizika*. Akademiya Nauk Armjanskoi SSR. Astrofizika. (Erevan) (Translated as: *Astrophysics*)
- Astronaut. Acta*. Astronautica Acta. (Vienna)
- Astronom. J.* The Astronomical Journal. (New Haven, Conn.)
- Astronom. Jber.* Astronomischer Jahresbericht. (Berlin)
- Astronom. Nachr.* Astronomische Nachrichten. (Berlin)
- Astronom. Zh.* Akademiya Nauk Sojuz SSR. Astronomičeskij Žurnal. (Moscow) (Translated as: *Soviet Astronom. AJ*)
- Astrophys. J.* The Astrophysical Journal. (Chicago, Ill.)
- Astrophysics*. Astrophysics. (A translation of *Astrofizika* of the Academy of Sciences of the Armenian SSR). (New York) (Translation of *Astrofizika*)
- Atti Accad. Gioenia Sci. Natur. Catania.* Atti della Accademia Gioenia di Scienze Naturali in Catania. (Catania)
- Atti Accad. Ligure Sci. Lett.* Atti della Accademia Ligure di Scienze e Lettere. (Genoa)
- Atti Accad. Naz. Lincei Mem. Cl. Sci. Fis. Mat. Natur. Sez. I.* Atti della Accademia Nazionale dei Lincei. Memorie. Classe di Scienze Fisiche, Matematiche e Naturali. Sezione I^a. (Matematica, Meccanica, Astronomia, Geodesia e Geofisica). (Rome)
- Atti Accad. Naz. Lincei Rend. Cl. Sci. Fis. Mat. Natur.* Atti della Accademia Nazionale dei Lincei. Rendiconti. Classe di Scienze Fisiche, Matematiche e Naturali. (Rome)
- Atti Accad. Sci. Fis. Mat. Napoli.* Atti dell'Accademia delle Scienze Fisiche e Matematiche di Napoli. (Naples)
- Atti Accad. Sci. Ist. Bologna Cl. Sci. Fis. Rend.* Atti della Accademia delle Scienze dell'Istituto di Bologna. Classe di Scienze Fisiche. Rendiconti. (Bologna)
- Atti Accad. Sci. Lett. Arti Palermo Parte I.* Atti della Accademia di Scienze Lettere e Arti di Palermo. Parte Prima: Scienze. (Palermo)
- Atti Accad. Sci. Torino Cl. Sci. Fis. Mat. Natur.* Atti della Accademia delle Scienze di Torino. Classe di Scienze Fisiche, Matematiche e Naturali. (Turin)
- Atti Sem. Mat. Fis. Univ. Modena.* Atti del Seminario Matematico e Fisico dell'Università di Modena. (Modena)
- Austral. J. Phys.* Australian Journal of Physics. (Melbourne)
- Austral. J. Statist.* The Australian Journal of Statistics. (Sydney)
- Automat. Remote Control.* Automation and Remote Control. (A translation of *Avtomatika i Telemekhanika*, a publication of the Academy of Sciences of the USSR). (Pittsburgh, Pa.) (Translation of *Avtomat. i Telemekh.*)
- Automatica. Internat. J. Automat. Control Automation.* Automatica. The International Journal on Automatic Control and Automation. (Oxford)
- Avh. Norske Vid.-Akad. Oslo I.* Avhandlingar Utgitt av det Norske Videnskaps-Akademi i Oslo. I. Mat.-Naturv. Klasse. (Oslo)
- Avtomat. i Telemekh.* Akademiya Nauk Sojuz SSR. Avtomatika i Telemekhanika. (Moscow) (Translated as: *Avtomat. Remote Control*)
- Avtomat. i Vychisl. Tehn.* Avtomatika i Vychislitel'naya Tehnika. (Riga)
- Avtomatika.* Akademiya Nauk Ukrain'skoi RSR. Institut Elektrotehniki. Avtomatika. (Kiev)
- Azerbaidžan. Gos. Univ. Učen. Zap. Ser. Fiz.-Mat. i Him. Nauk.* Azerbaidžanskij Gosudarstvennyj Universitet im. S. M. Kirova. Učenyje Zapiski. Serija Fiziko-Matematičeskij i Himičeskij Nauk. (Baku)
- Baškir. Gos. Univ. Učen. Zap.* Baškirkij Gosudarstvennyj Universitet. Učenyje Zapiski. (Ufa)
- Bayer. Akad. Wiss. Math.-Natur. Kl. S.-B.* Bayerische Akademie der Wissenschaften. Mathematisch-Naturwissenschaftliche Klasse. Sitzungsberichte. (Munich)
- Beijing Dazue Xuebao Ziran Kexue.* See *Acta Sci. Natur. Univ. Pekinensis*.
- Bell System Tech. J.* The Bell System Technical Journal. (New York)
- Biometrics.* Biometrics. Journal of the Biometric Society. (Blackburg, Va.)
- Biometrika.* Biometrika. (London)
- BIT = Nordisk Tidsskr. Informations-Behandling (BIT).*
- Biul. Lubel. Towarz. Nauk. Wydział II Mat. Fiz. Chem.* Biuletyn Lubelskiego Towarzystwa Naukowego. Wydział II. Matematyka. Fizyka. Chemia. (Lublin)
- Bjull. Inst. Teoret. Astronom.* Akademiya Nauk Sojuz Sovetskikh Socialističeskij Respublik. Bjulleten' Instituta Teoretičeskoi Astronomii. (Moscow)
- B'lgar. Akad. Nauk. Otd. Mat. Fiz. Nauk. Izv. Fiz. Inst. s Aneb.* B'lgarska Akademiya na Naukite. Otdelenie a Matematičeski i Fizičeski Nauki. Izvestija na Fizičeskija Institut s Aneb. (Sofia)
- B'lgar. Akad. Nauk. Otd. Mat. Fiz. Nauk. Izv. Mat. Inst.* B'lgarska Akademiya na Naukite. Otdelenie za Matematičeski i Fizičeski Nauki. Izvestija na Matematičeskija Institut. (Sofia)
- Boi. Soc. Mat. Mexicana.* Boletín de la Sociedad Matemática Mexicana. (Mexico City)
- Boi. Soc. Mat. São Paulo.* Boletim da Sociedade de Matemática de São Paulo. (São Paulo)
- Boll. Un. Mat. Ital.* Bollettino della Unione Matematica Italiana. (Bologna)
- Bonn. Math. Schr.* Bonner Mathematische Schriften. (Bonn)
- British J. Hist. Sci.* British Society for the History of Science. British Journal for the History of Science. (London)
- British J. Philos. Sci.* The British Journal for the Philosophy of Science. (Edinburgh)
- Buharsk. Gos. Ped. Inst. Učen. Zap. Ser. Fiz.-Mat. Nauk.* Buharskij Gosudarstvennyj Pedagogičeskij Institut. Učenyje Zapiski. Serija Fiziko-Matematičeskij Nauk. (Bukhara)
- Bul. Akad. Štiinca RSS Moldoven.* Akademiya Nauk Moldavskoi SSR. Izvestija Akademii Nauk Moldavskoi SSR. Buletinul Akademiei de Științe a RSS Moldovenești. (Kishinev)
- Bul. Inst. Politehn. Brașov Ser. A Mec.* Buletinul Institutului Politehnic din Brașov. Seria A. Mecanică. (Brașov)
- Bul. Inst. Politehn. București.* Buletinul Institutului Politehnic București. (Bucharest)
- Bul. Inst. Politehn. Iași.* Buletinul Institutului Politehnic din Iași. Seria Nouă. (Iași)
- Bul. Ști. Inst. Politehn. Cluj.* Buletinul Științific al Institutului Politehnic din Cluj. (Cluj)
- Bul. Ști. Tehn. Inst. Politehn. Timișoara.* Buletinul Științific și Tehnic al Institutului Politehnic Timișoara. Seria Nouă. (Timișoara)
- Bull. Acad. Polon. Sci. Sér. Sci. Math. Astronom. Phys.* Bulletin de l'Académie Polonaise des Sciences. Série des Sciences Mathématiques, Astronomiques et Physiques. (Warsaw)
- Bull. Acad. Polon. Sci. Sér. Sci. Tech. Méc. Appl.* Bulletin de l'Académie Polonaise des Sciences. Série des Sciences Techniques Mécaniques Appliquées. (Warsaw)
- Bull. Acad. Polon. Sci. Sér. Sci. Tech. Méc. Théor.* Bulletin de l'Académie Polonaise des Sciences. Série des Sciences Techniques Mécaniques Théoriques. (Warsaw)

- Bull. Acad. Serbe Sci. Arts Cl. Sci. Math. Natur. Sci. Math.* Bulletin de l'Académie Serbe des Sciences et des Arts. Classe des Sciences Mathématiques et Naturelles. Sciences Mathématiques. (Belgrade)
- Bull. Amer. Math. Soc.* Bulletin of the American Mathematical Society. (Providence, R.I.)
- Bull. Calcutta Math. Soc.* Bulletin of the Calcutta Mathematical Society. (Calcutta)
- Bull. College Sci. (Baghdad).* Bulletin of the College of Science. (Baghdad)
- Bull. Earthquake Res. Inst. Univ. Tokyo.* Bulletin of the Earthquake Research Institute, University of Tokyo. (Tokyo)
- Bull. Fac. Educ. Univ. Kagoshima.* Bulletin of the Faculty of Education, University of Kagoshima. (Kagoshima)
- Bull. Fukuoka Gakugei Univ. III.* Bulletin of Fukuoka Gakugei University. III. Natural Sciences. (Fukuoka) (Continued as: *Bull. Fukuoka Univ. Educ. III*)
- Bull. Fukuoka Univ. Educ. III.* Bulletin of Fukuoka University of Education. Part III. Natural Sciences. (Fukuoka) (Formerly: *Bull. Fukuoka Gakugei Univ. III*)
- Bull. Géodésique.* Bulletin Géodésique. (Paris)
- Bull. Inst. Internat. Statist.* Bulletin de l'Institut International de Statistique. (The Hague)
- Bull. Inst. Statist. Res. Training.* Institute of Statistical Research and Training. University of Dacca. The Bulletin of the Institute of Statistical Research and Training. (Dacca)
- Bull. JSME.* Bulletin of JSME. (Japan Society of Mechanical Engineers). (Tokyo)
- Bull. Kyoto Gakugei Univ. Ser. B.* Bulletin of the Kyoto Gakugei University. Ser. B. Mathematics and Natural Science. (Kyoto) (Continued as: *Bull. Kyoto Univ. Education Ser. B*)
- Bull. Kyoto Univ. Education Ser. B.* Bulletin of the Kyoto University of Education. Series B. Mathematics and Natural Science. (Kyoto) (Formerly: *Bull. Kyoto Gakugei Univ. Ser. B*)
- Bull. Kyushu Inst. Tech. Math. Natur. Sci.* Bulletin of the Kyushu Institute of Technology. Mathematics, Natural Science. (Tobata)
- Bull. Math. Biophys.* The Bulletin of Mathematical Biophysics. (Ann Arbor, Mich.)
- Bull. Math. Soc. Nanyang Univ. Majallah Tahunan 'Ilmu Pasti.* Bulletin of Mathematical Society. Nanyang University. (Singapore) (Continued as: *Nanto Math.*)
- Bull. Math. Soc. Sci. Math. Phys. R. P. Roumaine.* Bulletin Mathématique de la Société des Sciences Mathématiques et Physiques de la République Populaire Roumaine. (Bucharest) (Continued as: *Bull. Math. Soc. Sci. Math. R. S. Roumanie*)
- Bull. Math. Soc. Sci. Math. R. S. Roumanie.* Bulletin Mathématique de la Société des Sciences Mathématiques de la République Socialiste de Roumanie. (Bucharest) (Formerly: *Bull. Math. Soc. Sci. Math. Phys. R. P. Roumaine*)
- Bull. Math. Statist.* Bulletin of Mathematical Statistics. (Fukuoka)
- Bull. Nara Univ. Ed. Natur. Sci. Ser. B.* Bulletin of Nara University of Education. Natural Science. Series B. (Nara) (Formerly: *J. Nara Gakugei Univ. Natur. Sci.*)
- Bull. Sci. Conseil Acad. RSF Yougoslav.* Bulletin Scientifique. Conseil des Académies de la RSF de Yougoslavie. (Zagreb) (Continued as: *Bull. Sci. Conseil Acad. RSF Yougoslav. Sect. A*)
- Bull. Sci. Conseil Acad. RSF Yougoslav. Sect. A.* Bulletin Scientifique. Conseil des Académies de la RSF de Yougoslavie. Section A. (Zagreb) (Formerly: *Bull. Sci. Conseil Acad. RSF Yougoslav.*)
- Bull. Sci. Engrg. Res. Lab. Waseda Univ.* Bulletin of Science and Engineering Research Laboratory. Waseda University. (Tokyo)
- Bull. Sci. Math.* Bulletin des Sciences Mathématiques. (Paris)
- Bull. Signal. I Math. Pures Appl.* Ministère de l'Éducation Nationale. Centre National de la Recherche Scientifique. Bulletin Signalétique. I. Mathématiques Pures et Appliquées. (Paris)
- Bull. Soc. Amis Sci. Lettres Poznań Sér. B.* Bulletin de la Société des Amis des Sciences et des Lettres de Poznań. Série B: Sciences Mathématiques et Naturelles. (Poznań)
- Bull. Soc. Math. Belg.* Bulletin de la Société Mathématique de Belgique. (Brussels)
- Bull. Soc. Math. France.* Bulletin de la Société Mathématique de France. (Paris)
- Bull. Soc. Math. Grèce.* Bulletin de la Société Mathématique de Grèce. (Athens)
- Bull. Soc. Math. Phys. Macédoine.* Bulletin de la Société des Mathématiciens et des Physiciens de la République Populaire de Macédoine. Bilten na Društvo na Matematikarite i Fizikarite od Socialistička Republika Makedonija. (Skopje)
- Bull. Soc. Roy. Sci. Liège.* Bulletin de la Société Royale des Sciences de Liège. (Liège)
- Bull. Soc. Sci. Lettres Lódz.* Bulletin de la Société des Sciences et des Lettres de Lódz. (Lódz)
- Bull. Tokyo Gakugei Univ.* Bulletin of Tokyo Gakugei University. (Tokyo)
- Bull. Univ. Osaka Prefecture Ser. A.* Bulletin of University of Osaka Prefecture. Series A. Engineering and Natural Sciences. (Osaka)
- C. R. Acad. Bulgare Sci.* Doklady Bolgarskoj Akademii Nauk. Comptes Rendus de l'Académie Bulgare des Sciences. (Sofia)
- C. R. Acad. Sci. Paris Sér. A-B.* Comptes Rendus Hebdomadaires des Séances de l'Académie des Sciences. Série A et B. (Paris)
- Cahiers Centre Études Recherche Opér.* Cahiers du Centre d'Études de Recherche Opérationnelle. (Brussels)
- Cahiers Centre Math. Statist. Appl. Sci. Social.* Cahiers du Centre de Mathématique et de Statistique Appliquées aux Sciences Sociales de l'Institut de Sociologie Solvay. (Brussels)
- Cahiers Rhodan.* Cahiers Rhodaniens. (Lyon)
- Cahiers Topologie Géométrie Différentielle.* Cahiers de Topologie et Géométrie Différentielle. (Paris)
- Calcolo.* Calcolo. (Rome)
- Calcutta Statist. Assoc. Bull.* Calcutta Statistical Association Bulletin. (Calcutta)
- Canad. J. Math.* Canadian Journal of Mathematics. Journal Canadien de Mathématiques. (Toronto, Ont.)
- Canad. J. Phys.* Canadian Journal of Physics. (Ottawa, Ont.)
- Canad. Math. Bull.* Canadian Mathematical Bulletin. Bulletin Canadien de Mathématiques. (Toronto, Ont.)
- Časopis Pěst. Mat.* Československá Akademie Věd. Časopis pro Pěstování Matematiky. (Prague)
- Čeljabinsk. Gos. Ped. Inst. Trudy.* Čeljabinskij Gosudarstvennyj Pedagogičeskij Institut. Trudy. (Chelyabinsk)
- Centaurus.* Centaurus. (Copenhagen)
- Chinese J. Phys. (Peking).* Chinese Journal of Physics (Peking). (A translation of Acta Physica Sinica of the Chinese Academy of Sciences, Peking). (New York) (Translation of *Acta Phys. Sinica*)
- Chinese Math.—Acta.* Chinese Mathematics. Translation of Acta Mathematica Sinica. (Providence, R.I.) (Translation of *Acta Math. Sinica*)
- Cho-sŏn Kwa-hak-wŏn T'ong-bo.* (Academy of Science of the People's Democratic Republic of Korea. Bulletin) Cho-sŏn Min-ju-ju-ŭi In-min Kong-hwa-kuk Kwa-hak-wŏn. T'ong-bo. (Pyongyang)
- Collect. Math.* Consejo Superior de Investigaciones Científicas. Universidad de Barcelona. Collectanea Mathematica. (Barcelona)
- Colloq. Math.* Colloquium Mathematicum. (Warsaw)
- Comm. ACM.* Communications of the Association for Computing Machinery. (New York)
- Comm. Dublin Inst. Adv. Studies Ser. A.* Communications of the Dublin Institute for Advanced Studies. Series A. (Dublin)
- Comm. Fac. Sci. Univ. Ankara Sér. A.* Communications de la Faculté des Sciences de l'Université d'Ankara. Série A. Mathématiques-Physique-Astronomie. (Ankara)
- Comm. Math. Phys.* Communications in Mathematical Physics. (New York)
- Comm. Pure Appl. Math.* Communications on Pure and Applied Mathematics. (New York)

ABBREVIATIONS OF NAMES OF JOURNALS

- Comment. Math. Helv.* Commentarii Mathematici Helvetici. (Zürich)
- Comment. Math. Univ. Carolinae.* Commentationes Mathematicae Universitatis Carolinae. (Prague)
- Comment. Math. Univ. St. Paul.* Commentarii Mathematici Universitatis Sancti Pauli. Rikkyō Daigaku Sūgaku Zasshi. (Tokyo)
- Compositio Math.* Compositio Mathematica. (Groningen)
- Comput. J.* The Computer Journal. (London)
- Comput. Rev.* Computing Reviews. (New York) (Usually abbreviated *CR* in the text of *Math. Reviews*)
- Computing (Arch. Elektron. Rechnen).* Computing. Archiv für elektronisches Rechnen. Archives for Electronic Computing. (Vienna)
- Confer. Sem. Mat. Univ. Bari.* Conferenze del Seminario di Matematica dell'Università di Bari. (Bari)
- CORS J.* CORS J. The Canadian Operational Research Society Journal. (Toronto, Ont.)
- Cosmic Research.* Cosmic Research. (A translation of *Kosmicheskie Issledovaniya* of the Academy of Sciences of the USSR). (New York) (Translation of *Kosmič. Issled.*)
- CR.* Computing Reviews. (New York)
- Čuvak. Gos. Ped. Inst. Učen. Zap.* Ministerstvo Prosvešćenija RSFSR. Čuvakskij Gosudarstvennyj Pedagogičeskij Institut im. I. Ja. Jakovleva. Učenyje Zapiski. (Cheboksary)
- Cybernetics.* Cybernetics. (New York) (A translation of *Kybernetika* (Kiev))
- Czasopis. Techn.* Politechnika Krakowska i Krakowskie Zjednoczenie Budownictwa. Czasopismo Techniczne. (Kraków)
- Czechoslovak J. Phys. Sect. B.* Československá Akademijská Nauk. Československij Fizičeskij Žurnal. Czechoslovak Academy of Sciences. Czechoslovak Journal of Physics. (Prague)
- Czechoslovak Math. J.* Československá Akademijská Nauk. Československij Matematičeskij Žurnal. Czechoslovak Mathematical Journal. (Prague)
- Defence Sci. J.* Defence Science Journal. (Delhi)
- Deutsche Geodät. Kommis. Bayer. Akad. Wiss. Reihe B Angew. Geodäsie.* Deutsche Geodätische Kommission bei der Bayerischen Akademie der Wissenschaften. Reihe B. Angewandte Geodäsie. (Munich)
- Differencial'nye Uravneniya.* Differencial'nye Uravneniya. (Minsk) (Translated as: *Differential Equations*)
- Differential Equations.* Differential Equations. (New York) (Translation of *Differencial'nye Uravneniya*)
- Diskret. Analiz.* Akademija Nauk SSSR. Sibirskoe Otdelenie. Institut Matematiki. Diskretnyj Analiz. Sbornik Trudov. (Novosibirsk)
- Dissertationes Math. Rozprawy Mat.* Polakiej Akademii Nauk. Instytut Matematyczny. Dissertationes Mathematicae. Rozprawy Matematyczne. (Warsaw) (Formerly: *Rozprawy Mat.*)
- Dokl. Akad. Nauk BSSR.* Doklady Akademii Nauk BSSR. (Minsk)
- Dokl. Akad. Nauk SSSR.* Doklady Akademii Nauk SSSR. (Moscow) (Mathematics section translated as: *Soviet Math. Dokl.*; Physics section translated as: *Soviet Physics Dokl.*)
- Dokl. Akad. Nauk Tadšk. SSR.* Doklady Akademii Nauk Tadškikoi SSR. (Dushanbe)
- Dopovidj Akad. Nauk Ukraïn. RSR.* Dopovidj Akademii Nauk Ukraïn'koj RSR. (Kiev) (Continued as: *Dopovidj Akad. Nauk Ukraïn. RSR Ser. A* and *Dopovidj Akad. Nauk Ukraïn. RSR Ser. B*)
- Dopovidj Akad. Nauk Ukraïn. RSR Ser. A.* Dopovidj Akademii Nauk Ukraïn'koj RSR. Serija A. (Kiev) (Formerly: *Dopovidj Akad. Nauk Ukraïn. RSR*)
- Dopovidj Akad. Nauk Ukraïn. RSR Ser. B.* Dopovidj Akademii Nauk Ukraïn'koj RSR. Serija B. (Kiev) (Formerly: *Dopovidj Akad. Nauk Ukraïn. RSR*)
- Duke Math. J.* Duke Mathematical Journal. (Durham, N.C.)
- Dušanbin. Gos. Ped. Inst. Učen. Zap.* Dušanbinskij Gosudarstvennyj Pedagogičeskij Institut im. T. G. Ševčenko. Učenyje Zapiski. (Dushanbe)
- Econometrica.* Econometrica. Journal of the Econometric Society. (Chicago, Ill.)
- EEA.* Science Abstracts. Electrical & Electronics Abstracts. (London)
- Eesti NSV Tead. Akad. Füüs. Astronoom. Inst. Uurim.* Eesti NSV Teaduste Akadeemia Füüsika ja Astronoomia Instituudi Uurimused. (Trudy Instituta Fiziki i Astronomii Akademii Nauk Estonskoj SSR.) Publikacii Tartuskoi Astronomičeskoi Observatorii. (Tartu)
- Eesti NSV Tead. Akad. Tartu Astronoom. Observ. Publ.* Eesti NSV Teaduste Akadeemia Tartu Astronoomia Observatooriumi Publikatsioonid. (Tartu)
- Eesti NSV Tead. Akad. Toimetised Füüs.-Mat.* Eesti NSV Teaduste Akadeemia Toimetised. Füüsika-Matemaatika. Izvestija Akademii Nauk Estonskoj SSR. Serija Fizika-Matematika. (Tallin) (Formerly: *Eesti NSV Tead. Akad. Toimetised Füüs.-Mat. Tehn.-tead. Seer*)
- Eesti NSV Tead. Akad. Toimetised Füüs.-Mat. Tehn.-tead. Seer.* Eesti NSV Teaduste Akadeemia Toimetised. Füüsika-Matemaatika-ja Tehnikateaduste Seeria. Izvestija Akademii Nauk Estonskoj SSR. Serija Fiziko-Matematičeskij i Tehničeskij Nauk. (Tallin) (Continued as: *Eesti NSV Tead. Akad. Toimetised Füüs.-Mat.*)
- Ekonom.-Mat. Obzor.* Československá Akademie Věd. Ekonomicko-Matematičeský Obzor. (Prague)
- Electrical & Electronics Abstracts.* Science Abstracts. Electrical & Electronics Abstracts. (London) (Usually abbreviated *EEA* in the text of *Math. Reviews*)
- Elektron. Datenverarbeitung.* Elektronische Datenverarbeitung. Fachberichte über programmgesteuerte Maschinen und ihre Anwendung. (Braunschweig)
- Elektron. Informationsverarbeitung. Kybernetik.* Sektion für Kybernetik beim Präsidium der Deutschen Akademie der Wissenschaften zu Berlin und der Mathematischen Gesellschaft der Deutschen Demokratischen Republik. Elektronische Informationsverarbeitung und Kybernetik. (Berlin)
- Elem. Math.* Elemente der Mathematik. Revue de Mathématiques Élémentaires. Rivista di Matematica Elementare. (Basel)
- Engng. Cybernetics.* Engineering Cybernetics. English Edition of *Tehničeskaja Kybernetika*. (New York) (Translation of *Izv. Akad. Nauk SSSR Tehn. Kibernet.*)
- Enseignement Math.* L'Enseignement Mathématique. (Geneva)
- Erevan. Armjan. Gos. Ped. Inst. im. H. Abovjana Učen. Zap. Ser. Mat. Nauk.* Erevanskij Armjanskij Gosudarstvennyj Pedagogičeskij Institut im. H. Abovjana. Učenyje Zapiski. Serija Matematičeskij Nauk. (Erevan)
- Ericsson Technica.* Ericsson Technica. (Stockholm)
- Estadist. Española.* Estadística Española. (Madrid)
- Estadística.* Estadística. (Washington, D.C.)
- Fac. Ingen. Agrimens. Montevideo Publ. Didact. Inst. Mat. Estadist.* Facultad de Ingeniería y Agrimensura. Montevideo. Publicaciones Didácticas del Instituto de Matemática y Estadística. (Montevideo)
- Fac. Sci. Univ. Skopje Annuaire.* Faculté des Sciences de l'Université de Skopje. Annuaire. (Skopje)
- Fergan. Gos. Ped. Inst. Učen. Zap.* Ministerstvo Vyšego i Srednego Special'nogo Obrazovanija Uzbekskoi SSR. Ferganskij Gosudarstvennyj Pedagogičeskij Institut imeni Ulugbeka. Učenyje Zapiski. Serija Matematičeskaja. (Fergana)
- Fibonacci Quart.* The Fibonacci Quarterly. Official Organ of the Fibonacci Association. A journal devoted to the study of integers with special properties. (St. Mary's College, Calif.)
- Fiz.-Mat. Spis. B'lgar. Akad. Nauk.* B'lgarska Akademijska na Naukite Fizičeski Institut. Matematičeski Institut. Fiziko-Matematičesko Spisanie. (Sofia)
- Fiz. Tverd. Tela.* Akademija Nauk SSSR. Fizika Tverdogo Tela. (Moscow-Leningrad) (Translated as: *Soviet Physics Solid State*)
- Forsch. Ingenieurwesen.* Forschung im Ingenieurwesen. (Düsseldorf)
- Fortschr. Physik.* Fortschritte der Physik. (Berlin) See *Progr. Phys.*
- Found. Language.* International Journal of Language and Philosophy. Foundations of Language. (Dordrecht)

ABBREVIATIONS OF NAMES OF JOURNALS

- Fund. Math.* Polska Akademia Nauk. Fundamenta Mathematicae. (Warsaw)
- Funkcial. Ekvac.* Fako de l'Funkcialaj Ekvacioj Japana Matematika Societo. Funkcialaj Ekvacioj. (Serio Internacia). (Kobe)
- Funkcional. Anal. i Priložen.* Akademija Nauk SSSR. Funkcional'nyj Analiz i ego Priloženija. (Moscow)
- Fyz. Časopis Sloven. Akad. Vied.* Fizičálno Časopis Slovenakej Akademije Vied. (Bratislava) (Formerly: *Mat.-Fyz. Časopis Sloven. Akad. Vied*)
- Gac. Mat. (Madrid).* Gaceta Matemática. (Madrid)
- Gapita.* Gapita (Mathematics). Bharat Gapita Parishad (Benares Mathematical Society). (Lucknow)
- Gaz. Mat. (Lisboa).* Gazeta de Matemática. (Lisbon)
- Gaz. Mat. Ser. A.* Societatea de Științe Matematice din R. P. R. Gazeta Matematică. Publicație Pentru Studiul și Răspîndirea Științelor Matematice. Seria A. (Bucharest)
- Geodast. Inst. Medd.* Geodastisk Institut. Meddelelser. (Copenhagen)
- Giorn. Ist. Ital. Attuari.* Giornale dell'Istituto Italiano degli Attuari. (Rome)
- Giorn. Mat. Battaglini.* Giornale di Matematiche di Battaglini. (Naples)
- Glasgow Math. J.* Glasgow Mathematical Journal. (Glasgow) (Formerly: *Proc. Glasgow Math. Assoc.*)
- Glasnik Mat.-Fiz. Astronom. Ser. II Društvo Mat. Fiz. Hrvatske.* Glasnik Matematičko-Fizički i Astronomski. Periodicum Mathematico-Physicum et Astronomicum. Serija II. Društvo Matematičara i Fizičara Hrvatske. Societas Mathematicorum et Physicorum Croatiae. (Zagreb) (Continued as: *Glasnik Mat. Ser. III*)
- Glasnik Mat. Ser. III.* Društvo Matematičara i Fizičara S. R. Hrvatske. Glasnik Matematički. Serija III. (Zagreb) (Formerly: *Glasnik Mat.-Fiz. Astronom. Ser. II Društvo Mat. Fiz. Hrvatske*)
- Godišnik Visš. Tehn. Učebn. Zaved. Mat.* Godišnik na Visšite tehničeski Učebni Zavedenija. Matematika. (Sofia)
- Gor'kov. Gos. Univ. Učen. Zap.* Gor'kovskij Gosudarstvennyj Universitet. Učenyje Zapiski. (Gorki)
- Gruzin. Politehn. Inst. Trudy.* Gruzinskij Politehničeskij Institut im. V. I. Lenina. Trudy. (Tbilisi) See V. I. Lenin. Sakharth. Politekh. Inst. Šrom.
- Har'kov. Gos. Univ. Učen. Zap.* Ministerstvo Vyššego i Srednego Special'nogo Obrazovanija USSR. Vestnik Har'kovskogo Gosudarstvennogo Universiteta. Serija Mehaniko-Matematičeskaja. Zapiski Mehaniko-Matematičeskogo Fakulteta i Har'kovskogo Matematičeskogo Obščestva. (Kharkov) (Continued as: *Vestnik Har'kov. Gos. Univ.*)
- Helv. Phys. Acta.* Helvetica Physica Acta. Societatis Physicae Helveticae Commentaria Publica. (Basel)
- Hitotsubashi J. Arts Sci.* Hitotsubashi Journal of Arts & Sciences, Hitotsubashi University. (Tokyo)
- IBM J. Res. Develop.* IBM Journal of Research and Development. (New York)
- IBM Systems J.* International Business Machines Corporation. IBM Systems Journal. (Armonk, N.Y.)
- Icarus.* Icarus. International Journal of the Solar System. (New York)
- ICC Bull.* International Computation Centre Bulletin. Centre International de Calcul. (Rome)
- IEEE J. Quantum Electron.* IEEE Journal of Quantum Electronics. (New York)
- IEEE Spectrum.* IEEE Spectrum. (New York)
- IEEE Trans. Automatic Control.* IEEE Transactions on Automatic Control. (New York)
- IEEE Trans. Electronic Computers.* IEEE Transactions on Electronic Computers. (New York)
- IEEE Trans. Information Theory.* IEEE Transactions on Information Theory. (New York)
- Illinois J. Math.* Illinois Journal of Mathematics. (Urbana, Ill.)
- Indian J. Math.* Indian Journal of Mathematics. (Allahabad)
- Indian J. Mech. Math.* Indian Journal of Mechanics and Mathematics. (Calcutta)
- Information and Control.* Information and Control. (New York)
- Information Processing in Japan.* Information Processing in Japan. (Tokyo)
- Inst. Gulbenkian Ci. Centro Cálcl. Ci. Estud. Program. Anal. Numér.* Fundação Calouste Gulbenkian. Instituto Gulbenkian de Ciência. Centro de Cálculo Científico. Estudos de Programação e Análise Numérica. (Lisbon)
- Inst. Hautes Études Sci. Publ. Math.* Institut des Hautes Études Scientifiques. Publications Mathématiques. (Paris)
- Internat. J. Comput. Math.* International Journal of Computer Mathematics. (New York)
- Internat. J. Control.* International Journal of Control. (London) (Formerly: *J. Electronics Control*)
- Internat. J. Electronics.* International Journal of Electronics. (London) (Formerly: *J. Electronics Control*)
- Internat. J. Engrg. Sci.* International Journal of Engineering Science. (Oxford-New York)
- Internat. J. Non-linear Mech.* International Journal of Non-linear Mechanics. (New York)
- Invent. Math.* Inventiones Mathematicae. (Berlin)
- Inst.-Stroitel. Inst. Kulbyšev. Sb. Trudov.* Moskovskij Ordena Trudovogo Krasnogo Znamenija Inženerno-Stroitel'nyj Institut im. V. V. Kulbyševa. Sbornik Trudov. (Moscow)
- Israel J. Math.* Israel Journal of Mathematics. (Jerusalem)
- Ist. Lombardo Accad. Sci. Lett. Rend. A.* Istituto Lombardo. Accademia di Scienze e Lettere. Rendiconti. Scienze Matematiche, Fisiche, Chimiche e Geologiche. A. (Milan)
- Ist. Veneto Sci. Lett. Arti Atti Cl. Sci. Mat. Natur.* Istituto Veneto de Scienze, Lettere ed Arti. Venezia. Atti. Classe de Scienze Matematiche e Naturali. (Venice)
- Istanbul Tek. Univ. Bül.* İstanbul Teknik Üniversitesi Bülteni. Bulletin of the Technical University of Istanbul. (Istanbul)
- Istanbul Univ. Fen Fak. Mec. Ser. A.* İstanbul Üniversitesi Fen Fakültesi Mecmuası. A Serisi: Sırfı ve Tatbiki Matematik. Revue de la Faculté des Sciences de l'Université d'Istanbul. Série A: Mathématiques Pures et Appliquées. (Istanbul)
- Istor.-Mat. Issled.* Istoriko-Matematičeskie Issledovanija. (Moscow-Leningrad)
- Ivanov. Gos. Ped. Inst. Učen. Zap.* Ministerstvo Prosveščenija RSFSR. Ivanovskij Gosudarstvennyj Pedagogičeskij Institut im. D. A. Furmanova. Ivanovskoe Matematičeskoe Obščestvo. Učenyje Zapiski. (Ivanovo)
- Izv. Acad. Sci. USSR Atmospher. Ocean. Phys.* Izvestiya Academy of Sciences USSR. Atmospheric and Oceanic Physics. (Washington, D.C.) (Translation of *Izv. Akad. Nauk SSSR Ser. Fiz. Atmosfer. i Okeana*)
- Izv. Acad. Sci. USSR Phys. Solid Earth.* Izvestiya Academy of Sciences USSR. Physics of the Solid Earth. (Washington, D.C.) (Translation of *Izv. Akad. Nauk SSSR Ser. Fiz. Zemli*)
- Izv. Akad. Nauk Armjan. SSR Ser. Mat.* Izvestija Akademii Nauk Armjanskoi SSR. Serija Matematika. (Erevan)
- Izv. Akad. Nauk Armjan. SSR Ser. Meh.* Izvestija Akademii Nauk Armjanskoi SSR. Serija Mehanika. (Erevan)
- Izv. Akad. Nauk Azerbaidžan. SSR Ser. Fiz.-Tehn. Mat. Nauk.* Izvestija Akademii Nauk Azerbaidžanskoi SSR. Serija Fiziko-Tehničeskij i Matematičeskij Nauk. (Baku)
- Izv. Akad. Nauk Kazah. SSR Ser. Fiz.-Mat. Nauk.* Izvestija Akademii Nauk Kazahskoi SSR. Serija Fiziko-Matematičeskij Nauk. (Alma-Ata)
- Izv. Akad. Nauk Kirgiz. SSR.* Izvestija Akademii Nauk Kirgizskoi SSR. (Frunze)

ABBREVIATIONS OF NAMES OF JOURNALS

- Izv. Akad. Nauk Mold. SSR = Bul. Akad. Štiinse RSS Moldoven.*
- Izv. Akad. Nauk SSSR Ser. Fiz. Atmosfer. i Okeana.* Izvestija Akademii Nauk SSSR. Serija Fizika Atmosfery i Okeana. (Moscow) (Translated as: *Izv. Acad. Sci. USSR Atmospher. Ocean. Phys.*)
- Izv. Akad. Nauk SSSR Ser. Fiz. Zemli.* Izvestija Akademii Nauk SSSR Serija Fizika Zemli. (Moscow) (Translated as: *Izv. Acad. Sci. USSR Phys. Solid Earth*)
- Izv. Akad. Nauk SSSR Ser. Mat.* Izvestija Akademii Nauk SSSR. Serija Matematičeskaja. (Moscow)
- Izv. Akad. Nauk SSSR Ser. Meh. Židk. Gaza.* Akademija Nauk SSSR. Izvestija Akademii Nauk SSSR. Serija Mehanika Židkosti i Gaza. (Moscow)
- Izv. Akad. Nauk SSSR Tehn. Kibernet.* Izvestija Akademii Nauk SSSR. Tehničeskaja Kibernetika. (Moscow) (Translated as: *Engng. Cybernetics*)
- Izv. Akad. Nauk Tadžik. SSR Otdel. Fiz.-Tehn. i Him. Nauk.* Izvestija Akademii Nauk Tadžikskoi SSR. Otdelenie Fiziko-Tehničeskikh i Himičeskikh Nauk. (Dushanbe)
- Izv. Akad. Nauk Turkmen. SSR Ser. Fiz.-Tehn. Him. Geol. Nauk.* Izvestija Akademii Nauk Turkmeniskoi SSR. Serija Fiziko-Tehničeskikh, Himičeskikh i Geologičeskikh Nauk. (Ashkhabad)
- Izv. Akad. Nauk UzSSR Ser. Fiz.-Mat. Nauk.* Izvestija Akademii Nauk UzSSR. Serija Fiziko-Matematičeskikh Nauk. UzSSR Fanlar Akademijasining Ahboroti. Fizika-Matematika Fanlari Serijasi. (Tashkent)
- Izv. Kazan. Fil. Akad. Nauk SSSR Ser. Fiz.-Mat. i Tehn. Nauk.* Izvestija Kazanskogo Filiala Akademii Nauk SSSR. Serija Fiziko-Matematičeskikh i Tehničeskikh Nauk. (Kazan)
- Izv. Krymsk. Ped. Inst.* Izvestija Krymskogo Pedagogičeskogo Instituta im. M. V. Frunze. (Simferopol)
- Izv. Sibirsk. Otd. Akad. Nauk SSSR.* Izvestija Sibirskogo Otdelenija Akademii Nauk SSSR. (Novosibirsk)
- Izv. Vuzov = Izv. Vyssh. Učebn. Zaved. Matematika.*
- Izv. Vyssh. Učebn. Zaved. Aviacion. Tehn.* Ministerstvo Vysshogo i Srednego Special'nogo Obrazovaniya SSSR. Izvestija Vysshikh Učebnykh Zavedenii. Aviacionnaja Tehnika. (Kazan)
- Izv. Vyssh. Učebn. Zaved. Matematika.* Ministerstvo Vysshogo Obrazovaniya SSSR. Izvestija Vysshikh Učebnykh Zavedenii. Matematika. (Kazan)
- Izv. Vyssh. Učebn. Zaved. Radiotekhn.* Ministerstvo Vysshogo i Srednego Special'nogo Obrazovaniya SSSR. Izvestija Vysshikh Učebnykh Zavedenii. Radiotekhnika. (Kiev) (Translated as: *Soviet Radio Engng.*) (Formerly: *Izv. Vyssh. Učebn. Zaved. Radiotekhn.*)
- Izv. Vyssh. Učebn. Zaved. Radiofizika.* Ministerstvo Vysshogo i Srednego Special'nogo Obrazovaniya SSSR. Izvestija Vysshikh Učebnykh Zavedenii. Radiofizika. (Gorki) (Translated as: *Soviet Radiophys.*)
- Izv. Vyssh. Učebn. Zaved. Radiotekhn.* Ministerstvo Vysshogo i Srednego Special'nogo Obrazovaniya SSSR. Izvestija Vysshikh Učebnykh Zavedenii. Radiotekhnika. (Kiev) (Translated as: *Soviet Radio Engng.*) (Continued as: *Izv. Vyssh. Učebn. Zaved. Radiotekhn.*)
- J. Acoust. Soc. Amer.* The Journal of the Acoustical Society of America. (New York)
- J. Algebra.* Journal of Algebra. (New York)
- J. Amer. Statist. Assoc.* Journal of the American Statistical Association. (Washington, D.C.)
- J. Analyse Math.* Journal d'Analyse Mathématique. (Jerusalem)
- J. Annamalai Univ. Part B Sci.* Journal of the Annamalai University. Part B. Sciences. (Annamalainagar)
- J. Appl. Math. Mech.* Journal of Applied Mathematics and Mechanics. (Translation of the Soviet journal *Prikladnaja Matematika i Mehanika*). (New York) (Translation of *Prikl. Mat. Meh.*)
- J. Appl. Probability.* Journal of Applied Probability. (East Lansing, Mich.)
- J. Assoc. Comput. Mach.* Journal of the Association for Computing Machinery. (New York)
- J. Atmospheric Sci.* Journal of the Atmospheric Sciences. (Boston, Mass.)
- J. Austral. Math. Soc.* The Journal of the Australian Mathematical Society. (Sydney)
- J. Chem. Phys.* The Journal of Chemical Physics. (New York)
- J. China Univ. Sci. Techn.* Journal of the China University of Science and Technology. Zhongguo Kexue Jiahu Daxue Xuebao. (Peking)
- J. College Arts Sci. Chiba Univ.* Journal of the College of Arts and Sciences, Chiba University. (Chiba)
- J. Combinatorial Theory.* Journal of Combinatorial Theory. (New York)
- J. Comput. System Sci.* Journal of Computer and System Sciences. (New York)
- J. Computational Phys.* Journal of Computational Physics. (New York)
- J. Cuneiform Studies.* Journal of Cuneiform Studies. (New Haven, Conn.)
- J. Differential Equations.* Journal of Differential Equations. (New York)
- J. Differential Geometry.* Journal of Differential Geometry. (Bethlehem, Pa.)
- J. Electronics Control.* Journal of Electronics and Control. (London) (Continued as: *Internat. J. Electronics* and *Internat. J. Control*)
- J. Engng. Math.* Journal of Engineering Mathematics. (Groningen)
- J. Fac. Engng. Chiba Univ.* Journal of the Faculty of Engineering, Chiba University. (Chiba)
- J. Fac. Engng. Univ. Tokyo Ser. B.* Journal of the Faculty of Engineering. University of Tokyo. Series B. (Tokyo)
- J. Fac. Sci. Hokkaido Univ. Ser. I.* Journal of the Faculty of Science. Hokkaido University. Series I. Mathematics. (Sapporo)
- J. Fac. Sci. Shinshu Univ.* Journal of the Faculty of Science. Shinshu University. (Matsumoto)
- J. Fac. Sci. Univ. Tokyo Sect. I.* Journal of the Faculty of Science. University of Tokyo. Section I. Mathematics, Astronomy, Physics, Chemistry. (Tokyo)
- J. Fluid Mech.* Journal of Fluid Mechanics. (London)
- J. Franklin Inst.* Journal of the Franklin Institute. (Philadelphia, Pa.)
- J. Functional Analysis.* Journal of Functional Analysis. (New York)
- J. Gakugei Tokushima Univ.* Journal of Gakugei. Tokushima University. (Tokushima)
- J. Indian Inst. Sci.* Journal of the Indian Institute of Science. (Bangalore)
- J. Indian Math. Soc.* The Journal of the Indian Mathematical Society. (Madras)
- J. Indian Soc. Agric. Statist.* Journal of the Indian Society of Agricultural Statistics. (New Delhi)
- J. Indian Statist. Assoc.* Journal of the Indian Statistical Association. (Bombay)
- J. Inst. Math. Appl.* Journal of the Institute of Mathematics and its Applications. (New York)
- J. Karnatak Univ. Sci.* Journal of the Karnatak University. Science. (Dharwar)
- J. London Math. Soc.* The Journal of the London Mathematical Society. (London)
- J. Madras Univ. B.* Journal of the Madras University. B. Contributions in Mathematics, Physical and Biological Sciences. (Madras)
- J. Math. Anal. Appl.* Journal of Mathematical Analysis and Applications. (New York)
- J. Math. and Phys.* Journal of Mathematics and Physics. (Cambridge, Mass.)
- J. Math. Kyoto Univ.* Journal of Mathematics of Kyoto University. (Kyoto)
- J. Math. Mech.* Journal of Mathematics and Mechanics. (Bloomington, Ind.)
- J. Math. Pures Appl.* Journal de Mathématiques Pures et Appliquées. (Paris)
- J. Math. Soc. Japan.* Journal of the Mathematical Society of Japan. (Tokyo)
- J. Mathematical Phys.* Journal of Mathematical Physics. (New York)
- J. Mathematical Psychology.* Journal of Mathematical Psychology. (New York)

- J. Mécanique.* Journal de Mécanique. (Paris)
- J. Mech. Phys. Solids.* Journal of the Mechanics and Physics of Solids. (London)
- J. Nara Gakugei Univ. Natur. Sci.* The Journal of Nara Gakugei University. Natural Science. (Nara) (Continued as: *Bull. Nara Univ. Ed. Natur. Sci.*)
- J. Natur. Sci. and Math.* The Journal of Natural Sciences and Mathematics. (Lahore)
- J. Operations Res. Soc. Japan.* Journal of the Operations Research Society of Japan. (Tokyo)
- J. Opt. Soc. Amer.* Journal of the Optical Society of America. (New York)
- J. Optimization Theory Appl.* Journal of Optimization Theory and Applications. (New York)
- J. Osaka Inst. Sci. Tech. Part I.* Journal of the Osaka Institute of Science and Technology. (Kinki University). Part I. Mathematics and Physics. (Osaka)
- J. Phys. Soc. Japan.* Journal of the Physical Society of Japan. (Tokyo)
- J. Reine Angew. Math.* Journal für die reine und angewandte Mathematik. (Berlin)
- J. Res. Nat. Bur. Standards Sect. B.* Journal of Research of the National Bureau of Standards. Section B. Mathematics and Mathematical Physics. (Washington, D.C.)
- J. Roy. Statist. Soc. Ser. A.* Journal of the Royal Statistical Society. Series A (General). (London)
- J. Roy. Statist. Soc. Ser. B.* Journal of the Royal Statistical Society. Series B (Methodological). (London)
- J. Sci. Engrg. Res.* Journal of Science and Engineering Research. (Kharagpur)
- J. Sci. Hiroshima Univ. Ser. A-I Math.* Journal of Science of the Hiroshima University. Series A-I (Mathematics). (Hiroshima)
- J. Sci. Res. Banaras Hindu Univ.* The Journal of Scientific Research of the Banaras Hindu University. (Banaras)
- J. Soc. Indust. Appl. Math.* Journal of the Society for Industrial and Applied Mathematics. (Philadelphia, Pa.) (Continued as: *SIAM J. Appl. Math.*)
- J. Soc. Indust. Appl. Math. Ser. A Control.* Journal of the Society for Industrial and Applied Mathematics. Series A: Control. (Philadelphia, Pa.) (Continued as: *SIAM J. Control*)
- J. Soc. Indust. Appl. Math. Ser. B Numer. Anal.* Journal of the Society for Industrial and Applied Mathematics. Series B. Numerical Analysis. (Philadelphia, Pa.) (Continued as: *SIAM J. Numer. Anal.*)
- J. Symbolic Logic.* The Journal of Symbolic Logic. (Providence, R.I.)
- J. Tsing Hua Univ.* Journal of Tsing Hua University. (Peking)
- J. Univ. Bombay.* Journal of the University of Bombay. (Bombay)
- Jadernaja Fiz. Akademija Nauk SSSR.* Jadernaja Fizika. (Moscow) (Translated as: *Soviet J. Nuclear Phys.*)
- Janus.* Janus. Revue Internationale de l'Histoire des Sciences, de la Médecine, de la Pharmacie et de la Technique. (Leiden)
- Japan. J. Math.* Science Council of Japan. Japanese Journal of Mathematics. (Tokyo)
- Jaroslav. Gos. Ped. Inst. Dokl. Naučn. Konfer.* Jaroslavl'skij Gosudarstvennyj Pedagogičeskij Institut. Doklady na Naučnyh Konferencijah. (Jaroslavl)
- Jber. Deutsch. Math.-Verein.* Jahresbericht der Deutschen Mathematiker-Vereinigung. (Stuttgart)
- Kabardino-Balkarsk. Gos. Univ. Učen. Zap. Ser. Fiz.-Mat.* Kabardino-Balkarskij Gosudarstvennyj Universitet. Učenyje Zapiski. Serija Fiziko-Matematičeskaja. (Nalchik)
- Kalinin. Gos. Ped. Inst. Učen. Zap.* Kalininskij Gosudarstvennyj Pedagogičeskij Institut im. M. I. Kalinina. Učenyje Zapiski. (Kalinin)
- Kaliningrad. Gos. Ped. Inst. Učen. Zap.* Kaliningradskij Gosudarstvennyj Pedagogičeskij Institut. Učenyje Zapiski. (Kaliningrad)
- Kazak. Gos. Ped. Inst. Učen. Zap.* Kazahskij Gosudarstvennyj Pedagogičeskij Institut im. Abaja. Učenyje Zapiski. (Alma-Ata)
- Kazan. Gos. Univ. Učen. Zap.* Kazanskij Ordena Trudovogo Krasnogo Znameni Gosudarstvennyj Universitet im. V. I. Ul'janova-Lenina. Učenyje Zapiski. (Kazan)
- Keiei-Kagaku.* Keiei-Kagaku (Management Science). Japanese Operations Research Association. (Tokyo)
- Kemerov. Gos. Ped. Inst. Učen. Zap.* Kemerovskij Gosudarstvennyj Pedagogičeskij Institut. Učenyje Zapiski. (Kemerovo)
- Kexue Tongbao.* Chinese Academy of Science. Kexue Tongbao (Science Bulletin). (Peking)
- Kexue Tongbao (Foreign Lang. Ed.).* Academia Sinica. Kexue Tongbao (Science Bulletin) (Foreign Language Edition). (Peking)
- Kibernetika (Kiev).* Otdelenie Matematiki, Mehaniki i Kibernetiki Akademii Nauk Ukrainkoj SSR. Kibernetika. (Kiev) (Translated as: *Cybernetics*)
- Kirov. Gos. Ped. Inst. Učen. Zap.* Kirovskij Gosudarstvennyj Pedagogičeskij Institut imeni V. I. Lenina. Učenyje Zapiski. (Yoshkar-Ola)
- Kišinev. Gos. Univ. Učen. Zap.* Ministerstvo Narodnogo Obrazovaniya Moldavskoj SSR. Kišinevskij Gosudarstvennyj Universitet. Učenyje Zapiski. (Kishinev)
- Knižnice Odborn. Věd. Spisů Vysoké. Učení Tech. v Brně.* Knižnice Odborných a Vědeckých Spisů Vysokého Učení Technického v Brně. Vysoké Učení Technické v Brně. (Brno)
- Kōdai Math. Sem. Rep.* Kōdai Mathematical Seminar Reports. (Tokyo)
- Kolomen. Ped. Inst. Učen. Zap.* Ministerstvo Prosvěščenija RSFSR. Kolomenskij Pedagogičeskij Institut. Učenyje Zapiski. (Kolomna)
- Kosmič. Issled.* Akademija Nauk SSSR. Kosmičeskije Issledovaniya. (Moscow) (Translated as: *Cosmic Research*)
- Kristallografiya.* Akademija Nauk SSSR. Kristallografiya. (Moscow) (Translated as: *Soviet Physics Cryst.*)
- Kulbyšev. Gos. Ped. Inst. Učen. Zap.* Ministerstvo Prosvěščenija RSFSR. Kulbyševskij Gosudarstvennyj Pedagogičeskij Institut imeni V. V. Kulbyševa. Učenyje Zapiski. (Kuybyshev)
- Kumamoto J. Sci. Ser. A.* Kumamoto Journal of Science. Series A (Mathematics, Physics and Chemistry). (Kumamoto)
- Kungl. Tekn. Högsk. Handl. Stockholm.* Kungl. Tekniska Högskolans Handlingar. Transactions of the Royal Institute of Technology, Stockholm, Sweden. (Stockholm)
- Kybernetika (Prague).* Kybernetika. (Prague)
- Kyungpook Math. J.* Kyungpook National University. Kyungpook Mathematical Journal. (Taegu)
- Latvijas PSR Zinātņu Akad. Vēstis.* Latvijas PSR Zinātņu Akadēmijas Vēstis. Izvēstija Akademijai Nauk Latvijas SSR. (Riga)
- Latvijas PSR Zinātņu Akad. Vēstis Fiz. Tehn. Zinātņu Sēr.* Latvijas PSR Zinātņu Akadēmijas Vēstis. Fizikas un Tehnisko Zinātņu Sērija. Izvēstija Akademijai Nauk Latvijas SSR. Serija Fizičeskij i Tehničeskij Nauk. (Riga)
- Latvijas Valsts Univ. Zināt. Raksti.* PSRS Augstākās Izglītības Ministrija. Pēteris Stučka Latvijas Valsts Universitāte. Zinātniskie Raksti. Ministerstvo Vysshego Obrazovaniya. Latvijai Gosudarstvennyj Universitet im. Petra Stučki. Učenyje Zapiski. (Riga)
- Leningrad. Gos. Ped. Inst. Učen. Zap.* Leningradskij Gosudarstvennyj Pedagogičeskij Institut im. A. I. Gercena. Učenyje Zapiski. (Leningrad)
- Leningrad. Gos. Univ. Učen. Zap. Ser. Mat. Nauk.* Leningradskij Gosudarstvennyj Ordena Lenina Universitet imeni. A. A. Ždanova. Učenyje Zapiski. Serija Matematičeskij Nauk. (Leningrad)
- Leningrad. Inž.-Ekonom. Inst. Trudy.* Leningradskij Inženerno-Ekonomičeskij Institut imeni Pal'miro Tol'jatti. Trudy. (Leningrad)
- Leningrad. Politehn. Inst. Trudy.* Ministerstvo Vysshego i Srednego Special'nogo Obrazovaniya RSFSR. Leningradskij Politehničeskij Institut im. M. I. Kalinina. Trudy LPI. (Leningrad)
- Litovsk. Fiz. Sb.* Lietuvos TSR Mokslų Akademija. Lietuvos TSR Aukštojo Mokyklos. Lietuvos Fizikos Rinkiny. Akademija Nauk Litovskoj SSR. Vysšie Školy Litovskoj SSR. Litovskij Fizičeskij Sbornik. (Vilnius)

ABBREVIATIONS OF NAMES OF JOURNALS

- Litovsk. Mat. Sb.* Lietuvos TSR Mokslų Akademija. Lietuvos TSR Aukštojo Mokyklos. Lietuvos Matematikos Rinkiny. Akademija Nauk Litovskoi SSR. Vyskio Učebnye Zavedeniya Litovskoi SSR. Litovskii Matematicheskii Sbornik. (Vilnius)
- Logique et Analyse.* Logique et Analyse. (Louvain)
- L'vov. Politehn. Inst. Naučn. Zap. Ser. Fiz.-Mat.* MVO USSR. L'vovskii Politehnicheskii Institut. Naučnye Zapiski. Seriya Fiziko-Matematicheskaya. (Lvov)
- Madhya Bharati J. Univ. Saugar II A.* Madhya Bharati. Journal of the University of Saugar. Part II, Sec. A. (Saugar)
- Magnetohydrodynamics.* Magnetohydrodynamics. (A translation of *Magnitnaya Gidrodinamika* of the Academy of Sciences of the Latvian SSR). (New York) (Translation of *Magnit. Gidrodinamika*)
- Magnit. Gidrodinamika.* Akademija Nauk Latvinskoi SSR. Magnitnaya Gidrodinamika. (Riga) (Translated as: *Magnetohydrodynamics*)
- Magyar Tud. Akad. Mat. Fiz. Ossz. Kös.* A Magyar Tudományos Akadémia Matematikai és Fizikai Tudományok Osztályának Közleményei. (Budapest)
- Magyar Tud. Akad. Mat. Kutató Int. Köz.* A Magyar Tudományos Akadémia Matematikai Kutató Intézetének Közleményei. (Budapest) (Continued as: *Studia Sci. Math. Hungar.*)
- Mari. Gos. Ped. Inst. Učen. Zap.* Mariiskii Gosudarstvennyi Pedagogicheskii Institut. Učebnye Zapiski. (Yoshkar-Ola)
- Mat. Časopis Sloven. Akad. Vied.* Matematički Časopis Slovenske Akademije Vied. (Bratislava) (Formerly: *Mat.-Fyz. Časopis Sloven. Akad. Vied*)
- Mat.-Fys. Medd. Danske Vid. Selak.* Matematiškafysiske Meddelelser udgivet af Det Kongelige Danske Videnskabernes Selskab. (Copenhagen)
- Mat.-Fys. Skr. Danske Vid. Selak.* Matematiškafysiske Skrifter udgivet af Det Kongelige Danske Videnskabernes Selskab. (Copenhagen)
- Mat.-Fyz. Časopis Sloven. Akad. Vied.* Matematičko-Fyzikálny Časopis. Slovenská Akadémia Vied. (Bratislava) (Continued as: *Mat. Časopis Sloven. Akad. Vied* and *Fyz. Časopis Sloven. Akad. Vied*)
- Mat. Issled.* Akademija Nauk Moldavskoi SSR. Institut Matematiki i Vychislitel'nym Centrom. Matematicheskie Issledovaniya. (Kishinev)
- Mat. Lapok.* Matematikai Lapok. Bolyai János Matematikai Társulat. (Budapest)
- Mat. Sb.* Matematicheskii Sbornik. Novaya Seriya. (Moscow)
- Mat. Vesnik.* Društvo Matematičara, Fizičara i Astronoma SRS i Matematički Institut-Beograd. Matematički Vesnik. Nova Seriya. (Belgrade)
- Mat. Zametki.* Akademija Nauk Sojuza SSR. Matematicheskie Zametki. (Moscow)
- Matematichesk. (Catania).* Le Matematiche. (Catania)
- Math. Algorithms.* Massachusetts Institute of Technology. Mathematical Algorithms. (Cambridge, Mass.)
- Math. Ann.* Mathematische Annalen. (Berlin-Göttingen-Heidelberg)
- Math. Biosci.* Mathematical Biosciences: An International Journal. (New York)
- Math. Centrum Amsterdam Afd. Zuivere Wisk.* Mathematisch Centrum Amsterdam. Afdeling Zuivere Wiskunde. (Amsterdam)
- Math. Centrum Amsterdam Rekenafdeling.* Mathematisch Centrum Amsterdam. Rekenafdeling. (Amsterdam)
- Math. Comp.* Mathematics of Computation. (Washington, D.C.)
- Math. Gaz.* The Mathematical Gazette. (London)
- Math. J. Okayama Univ.* Mathematical Journal of Okayama University. (Okayama)
- Math. Japon.* Mathematica Japonicae. (Kobe)
- Math. Mag.* Mathematics Magazine. (Buffalo, N.Y.)
- Math. Nachr.* Mathematische Nachrichten. (Berlin)
- Math. Naturwiss. Unterricht.* Der mathematische und naturwissenschaftliche Unterricht. (Bonn)
- Math. Notas.* Mathematicae Notae. Boletín del Instituto de Matemática. (Rosario)
- Math.-Phys. Semesterber.* Mathematisch-Physikalische Semesterberichte. (Göttingen)
- Math. Reviews.* Mathematical Reviews. (Providence, R.I.) (Usually abbreviated as *MR* in the text of *Math. Reviews*)
- Math. Scand.* Mathematica Scandinavica. (Copenhagen)
- Math. Sci. Humaines.* Centre de Mathématique Sociale et de Statistique EPHE. Mathématiques et Sciences Humaines. (Paris)
- Math. Student.* The Mathematics Student. (Madras)
- Math. Systems Theory.* Mathematical Systems Theory. (New York)
- Math.-Tech.-Wirtschaft.* Mathematik-Technik-Wirtschaft. Zeitschrift für moderne Rechentechnik und Automation. (Vienna)
- Math. und Wirtschaft.* Mathematik und Wirtschaft. (Berlin)
- Math. Z.* Mathematische Zeitschrift. (Berlin-Göttingen-Heidelberg)
- Mathematica (Cluj).* Societatea de Științe Matematice și Fizice din R.P.R. Filiala Cluj. Mathematica. (Cluj)
- Mathematika.* Mathematika. A Journal of Pure and Applied Mathematics. (London)
- Mathesis.* Mathesis. Recueil Mathématique à l'Usage des Écoles Spéciales et des Établissements d'Instruction Moyenne. (Mons)
- Matrix Tensor Quart.* The Tensor Club of Great Britain. The Matrix and Tensor Quarterly. (London)
- Mech. Teoret. Stos.* Polskie Towarzystwo Mechaniki Teoretycznej i Stosowanej. Mechanika Teoretyczna i Stosowana. (Warsaw)
- Medd. Lunds Univ. Mat. Sem.* Meddelanden från Lunds Universitets Matematiska Seminarium. Communications du Séminaire Mathématique de l'Université de Lund. (Lund)
- Melekes. Gos. Ped. Inst. Učen. Zap.* Melekeskii Gosudarstvennyi Pedagogicheskii Institut. Učebnye Zapiski. (Melekes)
- Mem. Amer. Math. Soc.* Memoirs of the American Mathematical Society. (Providence, R.I.)
- Mem. Defense Acad.* Memoirs of the Defense Academy (Mathematics, Physics, Chemistry and Engineering) (Yokosuka)
- Mem. Fac. Ci. Univ. Habana Ser. Mat.* Memorias de la Facultad de Ciencias. Universidad de la Habana. Serie Matemática. (Havana)
- Mem. Fac. Engrg. Hiroshima Univ.* Memoirs of the Faculty of Engineering. Hiroshima University. (Hiroshima)
- Mem. Fac. Engrg. Miyazaki Univ.* Memoirs of the Faculty of Engineering. Miyazaki University. (Miyazaki)
- Mem. Fac. Sci. Kyushu Univ. Ser. A.* Memoirs of the Faculty of Science. Kyushu University. Series A. Mathematics. (Fukuoka)
- Mem. Ist. Lombardo Accad. Sci. Lett. Cl. Sci. Mat. Natur.* Memorie dell'Istituto Lombardo. Accademia di Scienze e Lettere. Classe di Scienze Matematiche e Naturali. (Milan)
- Mem. Kitami College Tech.* Memoirs of the Kitami College of Technology. (Kitami) (Continued as: *Mem. Kitami Inst. Tech.*)
- Mem. Kitami Inst. Tech.* Memoirs of the Kitami Institute of Technology. (Kitami) (Formerly: *Mem. Kitami College Tech.*)
- Mem. Mat. Inst. "Jorge Juan".* Consejo Superior de Investigaciones Científicas. Memorias de Matemática del Instituto "Jorge Juan". (Madrid)
- Mem. Muroran Inst. Tech.* Memoirs of the Muroran Institute of Technology. (Muroan)
- Mem. Osaka Gakugei Univ. B Natur. Sci.* Memoirs of Osaka Gakugei University B. Natural Sciences. (Osaka) (Formerly: *Mem. Osaka Univ. Lib. Arts Ed. Ser. B*)
- Mem. Osaka Univ. Lib. Arts Ed. Ser. B.* Memoirs of the Osaka University of the Liberal Arts and Education. Series B. Natural Science. (Osaka) (Continued as: *Mem. Osaka Gakugei Univ. B Natur. Sci.*)

ABBREVIATIONS OF NAMES OF JOURNALS

- Mem. Real Acad. Ci. Art. Barcelona.* Memorias de la Real Academia de Ciencias y Artes de Barcelona. (Barcelona)
- Mem. Real Acad. Ci. Exact. Fis. Natur. Madrid.* Memorias de la Real Academia de Ciencias Exactas, Fisicas y Naturales de Madrid. Serie de Ciencias Exactas. (Madrid)
- Mem. School Sci. Engrg. Waseda Univ. Tokyo.* Memoirs of the School of Science and Engineering. Waseda University, Tokyo. (Tokyo)
- Mem. Soc. Astronom. Ital.* Memorie della Società Astronomica Italiana. (Milan)
- Mém. Soc. Roy. Sci. Liège Coll. in-8°.* Mémoires de la Société Royale des Sciences de Liège. Collection in-8°. (Liège)
- Mémor. Sci. Math.* Mémorial des Sciences Mathématiques. (Paris)
- Mémor. Sci. Phys.* Mémorial des Sciences Physiques. (Paris)
- Metody Vyčisl. Leningradskii Ordena Lenina Gosudarstvennyi Universitet imeni A. A. Zdanova. Kafedra Vyčislitel'noi Matematiki i Vyčislitel'nyi Centr. Metody Vyčislenii.* (Leningrad)
- Metrika.* Metrika. (Würzburg)
- Metroecon.* Metroeconomica. Rivista Internazionale di Economica. (Bologna)
- Metron.* Metron. (Rome)
- Michigan Math. J.* The Michigan Mathematical Journal. (Ann Arbor, Mich.)
- Mitt. Inst. Angew. Math. Zürich.* Mitteilungen aus dem Institut für angewandte Mathematik an der Eidgenössischen Technischen Hochschule in Zürich. (Zürich)
- Mitt. Math. Gesellsch. Hamburg.* Mitteilungen der mathematischen Gesellschaft in Hamburg. (Hamburg)
- Mitt. Math. Sem. Giessen.* Mitteilungen aus dem Mathematischen Seminar Giessen. (Giessen)
- Mitt. Versin. Schweiz. Versich.-Math.* Mitteilungen der Vereinigung Schweizerischer Versicherungsmathematiker. Bulletin de l'Association des Actuaires Suisses. (Bern)
- Molecular Phys.* Molecular Physics. (London)
- Monatsh. Deutsch. Akad. Wiss. Berlin.* Monatsberichte der Deutschen Akademie der Wissenschaften zu Berlin. (Berlin)
- Monatsh. Math.* Monatshefte für Mathematik. (Vienna)
- Monthly Notices Roy. Astronom. Soc.* Monthly Notices of the Royal Astronomical Society. (London)
- Moscow Univ. Bull. Ser. III Phys. Astronom.* Moscow University. Moscow University Bulletin. Series III. Physics and Astronomy. (Acton, Mass.) (Translation of *Vestnik Moskov. Univ. Ser. III Fiz. Astronom.*)
- Moskov. Gos. Ped. Inst. Učen. Zap.* Moskovskii Gosudarstvennyi Pedagogičeskii Institut im. V. I. Lenina. Učeny Zapiski. (Moscow)
- Moskov. Gos. Univ. Soobšč. Gos. Astronom. Inst. Šternberg.* Moskovskii Gosudarstvennyi Universitet im. M. V. Lomonosova. Soobščeniia Gosudarstvennogo Astronomičeskogo Instituta im. P. K. Šternberga. (Moscow)
- Moskov. Gos. Univ. Trudy Gos. Astronom. Inst. Šternberg.* Moskovskii Gosudarstvennyi Universitet im. M. V. Lomonosova. Trudy Gosudarstvennogo Astronomičeskogo Instituta im. P. K. Šternberga. (Moscow)
- Moskov. Gos. Univ. Voprosy Meh.* Moskovskii Gosudarstvennyi Universitet. Voprosy Mehaniki. (Moscow)
- Moskov. Inst. Inž. Železnodorož. Transporta Trudy.* Moskovskii Institut Inženerov Železnodorožnogo Transporta. Trudy. (Moscow)
- Moskov. Oblast. Ped. Inst. Učen. Zap.* Moskovskii Oblastnoi Pedagogičeskii Institut. Učeny Zapiski. (Moscow)
- M.R.* Mathematical Reviews. (Providence, R.I.)
- Nachr. Akad. Wiss. Göttingen Math.-Phys. Kl. II.* Nachrichten der Akademie der Wissenschaften in Göttingen. II. Mathematisch-Physikalische Klasse. (Göttingen)
- Nagoya Math. J.* Nagoya Mathematical Journal. (Nagoya)
- Nanta Math.* Nanyang University. Nanta Mathematica. (Singapore) (Formerly: *Bull. Math. Soc. Nanyang Univ.*)
- Nat. Bur. Standards Appl. Math. Ser.* National Bureau of Standards. Applied Mathematics Series. (Washington, D.C.)
- Nat. Lucht- en Ruimtevaartlab. Amsterdam Rep.* Nationaal Lucht- en Ruimtevaartlaboratorium. National Aero- and Astronautical Research Institute Amsterdam. Report. (Amsterdam)
- Natur. Sci. Rep. Ochanomizu Univ.* Natural Science Report of the Ochanomizu University. (Tokyo)
- Naval Res. Logist. Quart.* Naval Research Logistics Quarterly. (Washington, D.C.)
- Nederl. Akad. Wetensch. Indag. Math.* Koninklijke Nederlandse Akademie van Wetenschappen. Indagationes Mathematicae ex Actis Quibus Titulus. Proceedings of the Section of Sciences. (Amsterdam) (Same as: *Nederl. Akad. Wetensch. Proc. Ser. A*)
- Nederl. Akad. Wetensch. Proc. Ser. A.* Koninklijke Nederlandse Akademie van Wetenschappen. Proceedings. Series A. Mathematical Sciences. (Amsterdam) (Same as: *Nederl. Akad. Wetensch. Indag. Math.*)
- Nederl. Akad. Wetensch. Proc. Ser. B.* Koninklijke Nederlandse Akademie van Wetenschappen. Proceedings. Series B. Physical Sciences. (Amsterdam)
- Nederl. Akad. Wetensch. Verslag Afd. Natuurk.* Koninklijke Nederlandse Akademie van Wetenschappen. Verslag van de Gewone Vergadering van de Afdeling Natuurkunde. (Amsterdam)
- Nieuw Arch. Wisk.* Nieuw Archief voor Wiskunde. (Groningen)
- Nigerian J. Sci.* University of Ibadan. Nigerian Journal of Science. (Ibadan)
- Nordisk Mat. Tidskr.* Nordisk Matematisk Tidsskrift. (Oslo)
- Nordisk Tidskr. Informations-Behandling.* Nordisk Tidsskrift for Informations-Behandling. (Copenhagen) See *Nordisk Tidskr. Informations-Behandling (BIT)*.
- Nordisk Tidskr. Informations-Behandling (BIT).* Nordisk Tidsskrift for Informations-Behandling. (Copenhagen) (Formerly listed as: *Nordisk Tidskr. Informations-Behandling*)
- Norske Vid. Selsk. Forh. (Trondheim).* Det Kongelige Norske Videnskabs Selskabs Forhandlinger. (Trondheim)
- Norske Vid. Selsk. Skr. (Trondheim).* Det Kongelige Norske Videnskabs Selskabs Skrifter. (Trondheim)
- Notas Mat.* Notas de Matemática. (Rio de Janeiro)
- Notices Amer. Math. Soc.* Notices of the American Mathematical Society. (Providence, R.I.)
- Notre Dame J. Formal Logic.* Notre Dame Journal of Formal Logic. (Notre Dame, Ind.)
- Novgorod. Golovn. Gos. Ped. Inst. Učen. Zap.* Novgorodskii Golovnoi Gosudarstvennyi Pedagogičeskii Institut. Učeny Zapiski. (Novgorod)
- Numer. Math.* Numerische Mathematik. (Berlin-Göttingen-Heidelberg)
- Nuovo Cimento A.* Il Nuovo Cimento A. (Bologna)
- Nuovo Cimento B.* Il Nuovo Cimento B. (Bologna)
- Nuovo Cimento Suppl.* Supplemento al Nuovo Cimento. (Bologna)
- Obzornik Mat. Fiz. Društvo Matematikov, Fizikov in Astronomov SRS.* Obzornik za Matematiko in Fiziko. (Ljubljana)
- Odess. Gos. Univ. Naučn. Ežegodnik.* Ministerstvo Vyššego i Srednego Special'nogo Obrazovanija USSR. Odeskii Gosudarstvennyi Universitet. Naučnyi Ežegodnik. (Odessa)
- Operations Res.* Operations Research. The Journal of the Operations Research Society of America. (Baltimore, Md.) (Sometimes abbreviated as *OR* in *Math. Reviews*)
- Optica Acta.* Optica Acta. (London)
- Optimal. Planirovanie.* Optimal'noe Planirovanie. Akademija Nauk SSSR. Sibirskoe Otdelenie. Institut Matematiki. (Novosibirsk)

ABBREVIATIONS OF NAMES OF JOURNALS

- Orehovo-Zuev. Ped. Inst. Učen. Zap. Kaf. Mat.* Ministerstvo Prosvešćenija RSFSR. Orekhovo-Zuevskij Pedagogičeskij Institut. Učenyje Zapiski Kafedry Matematiki. (Moscow)
- Orlov. Gos. Ped. Inst. Učen. Zap.* Orlovskij Gosudarstvennyj Pedagogičeskij Institut. Učenyje Zapiski. (Orel)
- Osaka J. Math.* Osaka Journal of Mathematics. (Osaka)
- Österreich. Akad. Wiss. Math.-Natur. Kl. S.-B. II.* Österreichische Akademie der Wissenschaften. Mathematisch-Naturwissenschaftliche Klasse. Sitzungsberichte. Abteilung II. Mathematik, Astronomie, Physik, Meteorologie und Technik. (Vienna)
- PA.* Science Abstracts. Physics Abstracts. (London)
- Pacific J. Math.* Pacific Journal of Mathematics. (Berkeley, Calif.)
- Papers and Proc. Roy. Soc. Tasmania.* Papers and Proceedings of the Royal Society of Tasmania. (Hobart)
- Penz. Politehn. Inst. Učen. Zap. Mat. Meh.* Penzenskij Politehničeskij Institut. Matematika i Mehanika. Učenyje Zapiski. (Penza)
- Period. Mat.* Periodico di Matematiche. (Bologna)
- Perm. Gos. Univ. Učen. Zap.* Permskij Gosudarstvennyj Universitet imeni A. M. Gor'kogo. Učenyje Zapiski. (Perm)
- Perm. Politehn. Inst. Sb. Naučn. Trud.* Permskij Politehničeskij Institut. Sbornik Naučnyh Trudov. (Perm)
- Philos. Sci.* Philosophy of Science. (Baltimore, Md.)
- Philos. Trans. Roy. Soc. London Ser. A.* Philosophical Transactions of the Royal Society of London. Series A. Mathematical and Physical Sciences. (London)
- Phys. Fluids.* The Physics of Fluids. (New York)
- Phys. Norveg.* Physica Norvegica. (Oslo)
- Phys. Rev.* The Physical Review. (New York)
- Phys. Rev. Lett.* Physical Review Letters. (New York)
- Physica.* Physica. (Amsterdam)
- Physics.* Physics. Physique. Fizika. (Long Island, N.Y.)
- Physics Abstracts.* Science Abstracts. Physics Abstracts. (London) (Usually abbreviated *PA* in the text of *Math. Reviews*)
- Pokroky Mat. Fyz. Astronom.* Jednota Československých Matematiků a Fyziku. Pokroky Matematiky, Fyziky a Astronomie. (Prague)
- Polska Biblio. Analit. Mech.* Polska Akademia Nauk. Instytut Podstawowych Problemów Techniki. Polska Bibliografia Analityczna. Mechanika. Polish Scientific Abstracts. Mechanics. (Warsaw)
- Portugal. Math.* Portugaliae Mathematica. (Lisbon)
- Portugal. Phys.* Portugaliae Physica. (Lisbon)
- Prace Mat. Roczniki Polskiego Towarzystwa Matematycznego. Seria I.* Prace Matematyczne. (Warsaw)
- Prakt. Akad. Athēnōn.* Πρακτικά τῆς Ἀκαδημίας Ἀθηνῶν. (Athens)
- Pribl. Metod. Rešen. Differencial'. Uravnen.* Približennyye Metody Rešenija Differencial'nyh Uravnenij. (Kiev)
- Prikl. Mat. Meh.* Akademija Nauk SSSR. Otdelenie Tehničeskij Nauk. Institut Mehaniki. Prikladnaja Matematika i Mehanika. (Moscow) (Translated as: *J. Appl. Math. Mech.*)
- Prikladna. Meh.* Akademija Nauk Ukrainako SSR. Otdelenie Matematiki, Mehaniki i Kibernetiki. Prikladnaja Mehanika. (Kiev) (Translated as: *Soviet Appl. Mech.*)
- Primenen. Mat. Ėkonom.* Leningradskij Ordena Lenina Gosudarstvennyj Universitet imeni A. A. Ždanova. Kafedra i Laboratorija Ėkonomiko-Matematičeskij Metodov. Primenenie Matematiki v Ėkonomike. (Leningrad)
- Probleme der Kybernetik.* Probleme der Kybernetik. (Berlin) (Translation of *Problemy Kibernet.*)
- Problems of Information Transmission.* Problems of Information Transmission. (New York) (Translation of *Problemy Peredači Informacii*)
- Problemy Kibernet.* Problemy Kibernetiki. (Moscow)
- Problemy Peredači Informacii.* Akademija Nauk SSSR. Institut Problem Peredači Informacii Akademii Nauk SSSR. Problemy Peredači Informacii. (Moscow) (Translated as: *Problems of Information Transmission*)
- Proc. Amer. Math. Soc.* Proceedings of the American Mathematical Society. (Providence, R.I.)
- Proc. Cambridge Philos. Soc.* Proceedings of the Cambridge Philosophical Society. (Cambridge, England)
- Proc. Edinburgh Math. Soc.* Proceedings of the Edinburgh Mathematical Society. (Edinburgh) (Contains *Proc. Edinburgh Math. Soc. Edinburgh Math. Notes*)
- Proc. Edinburgh Math. Soc. Edinburgh Math. Notes.* Proceedings of the Edinburgh Mathematical Society. Edinburgh Mathematical Notes. (Edinburgh) (Included in *Proc. Edinburgh Math. Soc.*)
- Proc. Glasgow Math. Assoc.* Proceedings of the Glasgow Mathematical Association. (Glasgow) (Continued as: *Glasgow Math. J.*)
- Proc. Indian Acad. Sci. Sect. A.* Proceedings of the Indian Academy of Sciences. Section A. (Bangalore)
- Proc. Inst. Statist. Math.* The Proceedings of the Institute of Statistical Mathematics. (Tokyo)
- Proc. Japan Acad.* Proceedings of the Japan Academy. (Tokyo)
- Proc. London Math. Soc.* Proceedings of the London Mathematical Society. (London)
- Proc. Math. Phys. Soc. U.A.R. (Egypt).* Proceedings of the Mathematical and Physical Society of U.A.R. (Egypt). (Cairo)
- Proc. Nat. Acad. Sci. India Sect. A.* Proceedings of the National Academy of Sciences, India. Section—A. (Allahabad)
- Proc. Nat. Acad. Sci. U.S.A.* Proceedings of the National Academy of Sciences of the United States of America. (Washington, D.C.)
- Proc. Nat. Inst. Sci. India Part A.* Proceedings of the National Institute of Sciences of India. Part A. Physical Sciences. (New Delhi)
- Proc. Pakistan Statist. Assoc.* Proceedings of the Pakistan Statistical Association. (Lahore)
- Proc. Phys. Soc.* Proceedings of the Physical Society. (London)
- Proc. Rajasthan Acad. Sci.* The Proceedings of the Rajasthan Academy of Sciences. (Pilani)
- Proc. Roy. Irish Acad. Sect. A.* Proceedings of the Royal Irish Academy. Section A. (Dublin)
- Proc. Roy. Soc. Edinburgh Sect. A.* Proceedings of the Royal Society of Edinburgh. Section A. (Mathematical and Physical Sciences). (Edinburgh)
- Proc. Roy. Soc. Ser. A.* Proceedings of the Royal Society. Series A. Mathematical and Physical Sciences. (London)
- Proc. Steklov Inst. Math.* Proceedings of the Steklov Institute of Mathematics. (Providence, R.I.) (Translation of *Trudy Mat. Inst. Steklov.*)
- Proc. Vibration Problems.* Polish Academy of Sciences. Institute of Basic Technical Problems. Proceedings of Vibration Problems. (Warsaw)
- Progr. Math.* See *Shuzue Jinshan.*
- Progr. Math. (Allahabad).* Academy for Progress of Mathematics of the University of Allahabad. Progress of Mathematics. (Allahabad)
- Progr. Phys.* Progress of Physics. Fortschritte der Physik. (New York-Berlin) (Formerly: *Fortschr. Physik*)
- Progr. Theoret. Phys.* Progress of Theoretical Physics. (Kyoto)

- Przegląd Statyst.* Sekcja Statystyki Polskiego Towarzystwa Ekonomicznego. *Przegląd Statystyczny.* (Warsaw)
- Pakov. Ped. Inst. Fis.-Mat. Fak. Učen. Zap.* Ministerstvo Prosvetnenija RSFSR. Pakovskii Pedagogičeskii Institut. Fiziko-Matematičeskii Fakul'tet. Učenyje Zapiski. (Pakov)
- Psychometrika.* Psychometrika. A Journal Devoted to the Development of Psychology as a Quantitative Rational Science. (Chapel Hill, N.C.)
- Publ. Centro Estudos Mat. Porto.* Publicações do Centro de Estudos Matemáticos do Porto. (Porto, Portugal)
- Publ. Dép. Math. (Lyon).* Publications du Département de Mathématiques. Faculté des Sciences de Lyon. (Lyon)
- Publ. Dept. Math. (Ljubljana).* University of Ljubljana. Institute of Mathematics, Physics and Mechanics. Publications of the Department of Mathematics. (Ljubljana)
- Publ. Inst. Math. (Beograd).* Institut Mathématique. Publications de l'Institut Mathématique. Nouvelle Série. (Belgrade)
- Publ. Inst. Statist. Univ. Paris.* Publications de l'Institut de Statistique de l'Université de Paris. (Paris)
- Publ. Math. Debrecen.* Publicationes Mathematicae. (Debrecen)
- Publ. Res. Inst. Math. Sci. Ser. A.* Publications of the Research Institute for Mathematical Sciences. Series A. (Kyoto)
- Publ. Sémin. Géom. Univ. Neuchâtel.* Publications du Séminaire de Géométrie de l'Université de Neuchâtel. (Neuchâtel)
- Quart. Appl. Math.* Quarterly of Applied Mathematics. (Providence, R.I.)
- Quart. J. Math. Oxford Ser.* The Quarterly Journal of Mathematics, Oxford Second Series. (Oxford)
- Quart. J. Mech. Appl. Math.* The Quarterly Journal of Mechanics and Applied Mathematics. (Oxford)
- Quart. Rev. Sci. Publ.* Polish Academy of Sciences. Distribution Centre for Scientific Publications. Quarterly Review of Scientific Publications. (Warsaw)
- RAAG Res. Notes.* RAAG Research Notes. (Tokyo)
- Rad Jugoslav. Akad. Znan. Umjet.* Rad Jugoslavenke Akademije Znanosti i Umjetnosti. (Zagreb)
- Radio Engrg. Electron. Phys.* Radio Engineering and Electronic Physics. (Translation of *Radiotekhnika i Elektronika*, a U.S.S.R. Academy of Sciences Publication). (New York) (Translation of *Radiotekhn. i Elektron.*)
- Radio Sci.* Radio Science. (Washington, D.C.)
- Radiotekhn. (Har'kov).* Har'kovskii Ordena Trudovogo Krasnogo Znameni Gosudarstvennyi Universitet imeni A. M. Gor'kogo. Radiotekhnika. (Kharkov)
- Radiotekhn. i Elektron. Akademija Nauk SSSR.* Radiotekhnika i Elektronika. (Moscow) (Translated as: *Radio Engrg. Electron. Phys.*)
- Ratio.* Ratio. (Oxford)
- Rend. Accad. Sci. Fis. Mat. Napoli.* Società Nazionale di Napoli. Rendiconto dell'Accademia delle Scienze Fisiche e Matematiche. (Naples)
- Rend. Circ. Mat. Palermo.* Rendiconti del Circolo Matematico di Palermo. (Palermo)
- Rend. Mat. e Appl.* Università di Roma. Istituto Nazionale di Alta Matematica. Rendiconti di Matematica e delle sue Applicazioni. (Rome)
- Rend. Sem. Fac. Sci. Univ. Cagliari.* Rendiconti del Seminario della Facoltà di Scienze della Università di Cagliari. (Cagliari)
- Rend. Sem. Mat. Fis. Milano.* Rendiconti del Seminario Matematico e Fisico di Milano. (Milan)
- Rend. Sem. Mat. Univ. Padova.* Rendiconti del Seminario Matematico dell'Università di Padova. (Padua)
- Rep. Fac. Sci. Shizuoka Univ.* Shizuoka University. Faculty of Science. Reports of the Faculty of Science. Shizuoka University. (Shizuoka) (Formerly: *Rep. Lib. Arts Sci. Fac. Shizuoka Univ. Sect. Natur. Sci.*)
- Rep. Inst. Sci. Tech. Univ. Tokyo.* The Reports of the Institute of Science and Technology, University of Tokyo. (Tokyo)
- Rep. Lib. Arts Sci. Fac. Shizuoka Univ. Sect. Natur. Sci.* Reports of Liberal Arts and Science Faculty. Shizuoka University. Section Natural Science. (Shizuoka) (Continued as: *Rep. Fac. Sci. Shizuoka Univ.*)
- Rep. Res. Inst. Appl. Mech. Kyushu Univ.* Reports of Research Institute for Applied Mechanics. Kyushu University. (Fukuoka)
- Rep. Res. Inst. Strength and Fracture of Materials. Tohoku Univ.* Reports of the Research Institute for Strength and Fracture of Materials. Tohoku University. (Sendai)
- Rep. Statist. Appl. Res. Un. Japan. Sci. Engrs.* Reports of Statistical Application Research, Union of Japanese Scientists and Engineers. (Tokyo)
- Repúb. Venezuela Bol. Acad. Ci. Fis. Mat. Natur.* República de Venezuela. Boletín de la Academia de Ciencias Físicas, Matemáticas y Naturales. (Caracas)
- Res. Bull. Panjab Univ.* Research Bulletin of the Panjab University. (Hoshiarpur)
- Res. Bull. Regional Engrg. College Warangal.* Research Bulletin. Regional Engineering College. Warangal. (Andhra Pradesh)
- Res. Rep. Anan Tech. College.* Research Reports of the Anan Technical College. (Anan)
- Res. Rep. Nagaoka Tech. College.* Research Reports of the Nagaoka Technical College. (Nagaoka)
- Rev. Acad. Ci. Madrid.* Revista de la Real Academia de Ciencias Exactas, Físicas y Naturales de Madrid. (Madrid)
- Rev. Acad. Ci. Zaragoza.* Revista de la Academia de Ciencias Exactas, Físico-Químicas y Naturales de Zaragoza. (Zaragoza)
- Rev. Acad. Colombiana Ci. Exact. Fis. Natur.* Revista de la Academia Colombiana de Ciencias Exactas, Físicas y Naturales. (Bogotá)
- Rev. CETHEDEC.* Revue du Centre d'Études Théoriques de la Détection et des Communications. (Paris)
- Rev. Ci. (Lima).* Revista de Ciencias. (Lima)
- Rev. Fac. Ci. Univ. Coimbra.* Revista de Faculdade de Ciências da Universidade de Coimbra. (Coimbra)
- Rev. Française Informat. Recherche Opérationnelle.* Association Française d'Informatique et de Recherche Opérationnelle. Revue Française d'Informatique et de Recherche Opérationnelle. (Paris)
- Rev. Française Traitement Information Chiffres.* Revue Française de Traitement de l'Information. Chiffres. (Paris)
- Rev. Histoire Sci. Appl.* Revue d'Histoire des Sciences et de leurs Applications. (Paris)
- Rev. Inst. Internat. Statist.* Revue de l'Institut International de Statistique. Review of the International Statistical Institute. (The Hague)
- Rev. Mat. Elem.* Revista de Matemáticas Elementales. (Bogotá)
- Rev. Mat. Hisp.-Amer.* Revista Matemática Hispano-Americana. (Madrid)
- Rev. Mexicana Fis.* Revista Mexicana de Física. (Mexico City)
- Rev. Modern Phys.* Reviews of Modern Physics. (New York)
- Rev. Roumaine Math. Pures Appl.* Académie de la République Populaire Roumaine. Revue Roumaine de Mathématiques Pures et Appliquées. (Bucharest)
- Rev. Roumaine Sci. Tech. Sér. Méc. Appl.* Revue Roumaine des Sciences Techniques. Série de Mécanique Appliquée. (Bucharest)
- Rev. Un. Mat. Argentina.* Revista de la Unión Matemática Argentina. (Buenos Aires)
- Rice Univ. Studies.* Rice University Studies. (Houston, Tex.)
- Ricerca (Napoli).* La Ricerca. Rivista di Matematiche Pure ed Applicate. (Naples)
- Ricerche Mat.* Ricerche di Matematica. (Naples)
- Rīgas Politehn. Inst. Zinātn. Rakstī.* Rīgas Politehniskais Institūts. Rīskais Politehniskais Institūts. Učenyje Zapiski. Rīgas Politehniskais Institūts Zinātniskie Raksti. (Riga)

ABBREVIATIONS OF NAMES OF JOURNALS

- Riv. Mat. Univ. Parma.* Rivista di Matematica della Università di Parma. (Parma)
- Rjazansk. Gos. Ped. Inst. Učen. Zap.* Rjazanskii Gosudarstvennyi Pedagogičeskii Institut. Učenyje Zapiski. (Ryazan)
- Rostov-na-Donu Gos. Ped. Inst. Fiz.-Mat. Fak. Učen. Zap.* Rostovskii-na-Donu Gosudarstvennyi Pedagogičeskii Institut. Fiziko-Matematičeskii Fakul'tet. Učenyje Zapiski. (Rostov-on-Don)
- Rozprawy Československé Akad. Věd.* Rozpravy Československé Akademie Věd. (Prague) See *Rozprawy Československé Akad. Věd. Řada Mat. Přírod. Věd.*
- Rozprawy Československé Akad. Věd. Řada Mat. Přírod. Věd.* Rozpravy Československé Akademie Věd. Řada Matematických a Přírodních Věd. (Prague) (Formerly listed as: *Rozprawy Československé Akad. Věd.*)
- Rozprawy Inst. Polaka Akademii Nauk.* Instytut Podstawowych Problemów Techniki. Rozprawy Inżynierskie. (Warsaw)
- Rozprawy Mat. Polaka Akademii Nauk.* Instytut Matematyczny. Rozprawy Matematyczne. (Warsaw) (Continued as: *Dissertationes Math. Rozprawy Mat.*)
- Russian Math. Surveys.* Russian Mathematical Surveys. (A translation of the survey articles and of selected biographical articles in *Uspehi Matematičeskii Nauk*). (London) (Translation of *Uspehi Mat. Nauk*)
- RZAutomat. Telemek. i Vychisl. Tehn.* Akademija Nauk SSSR. Institut Naučnoj Informacii. Referativnyi Žurnal. Avtomatika, Telemekhanika i Vychislitel'naja Tehnika. (Moscow)
- RZFiz. Akademija Nauk SSSR.* Institut Naučnoj Informacii. Referativnyi Žurnal. Fizika. (Moscow)
- RZKibernet. Akademija Nauk SSSR.* Institut Naučnoj Informacii. Referativnyi Žurnal. Kibernetika. (Moscow)
- RZMat. Akademija Nauk SSSR.* Institut Naučnoj Informacii. Referativnyi Žurnal. Matematika. (Moscow)
- RZMsh. Akademija Nauk SSSR.* Institut Naučnoj Informacii. Referativnyi Žurnal. Mekhanika. (Moscow)
- Sakharth. SSR Mecn. Akad. Gamotshv. Centr. Šrom.* Sakharthvelos SSR Mecnierebatha Akademii Gamotshviliti Centris Šromebi. (Tbilisi) (Formerly listed as: *Trudy Vychisl. Centra Akad. Nauk Gruzii. SSR*)
- Sakharth. SSR Mecn. Akad. Math. Inst. Šrom.* Sakharthvelos SSR Mecnierebatha Akademii A. Razmadzis Sagelobis Tbilisis Matematikis Institutia. Šromebi. (Tbilisi) (Formerly listed as: *Akad. Nauk Gruzii. SSR Trudy Tbiliss. Mat. Inst. Razmadze*)
- Sakharth. SSR Mecn. Akad. Moambe.* Sakharthvelos SSR Mecnierebatha Akademii Moambe. (Tbilisi) (Formerly listed as: *Soobšč. Akad. Nauk Gruzii. SSR*)
- Sankhyā Ser. A.* Sankhyā (Statistics). The Indian Journal of Statistics. Series A. (Calcutta)
- Sankhyā Ser. B.* Sankhyā (Statistics). The Indian Journal of Statistics. Series B. (Calcutta)
- S.-B. Berlin. Math. Ges.* Sitzungsberichte der Berliner Mathematischen Gesellschaft. (Berlin)
- S.-B. Heidelberger Akad. Wiss. Math.-Natur. Kl.* Sitzungsberichte der Heidelberger Akademie der Wissenschaften. Mathematisch-Naturwissenschaftliche Klasse. (Heidelberg)
- S.-B. Sächs. Akad. Wiss. Leipzig Math.-Natur. Kl.* Sitzungsberichte der Sächsischen Akademie der Wissenschaften zu Leipzig. Mathematisch-naturwissenschaftliche Klasse. (Berlin)
- Sb. Práci Ped. Fak. v Ostravě Ser. A 1.* Sborník Práci Pedagogického Faculty v Ostravě. Seria A 1. (Ostrava) (Formerly: *Sb. Práci Ped. Inst. Ostravě*)
- Sb. Práci Ped. Inst. Ostravě.* Sborník Práci Pedagogického Institutu v Ostravě. (Prague) See *Sb. Práci Ped. Fak. v Ostravě Ser. A 1.*
- Sb. Voj. Akad. (Brno).* Sborník Vojenské Akademie Antonína Zápotockého. (Brno)
- Sb. Vysoké. Učení Tech. Brno.* Sborník Vysokého Učení Technického v Brně. (Brno)
- Schr. Math. Inst. Univ. Münster.* Schriftenreihe des Mathematischen Instituts der Universität Münster. (Münster)
- Sci. Abstracts China Sect. Math. Phys. Sci.* Institute of Scientific and Technical Information of China. Science Abstracts of China. Mathematical and Physical Sciences. (Peking)
- Sci. Information Notes.* Scientific Information Notes. (Washington, D.C.)
- Sci. Papers Collège Gen. Ed. Univ. Tokyo.* Scientific Papers of the College of General Education. University of Tokyo. (Tokyo)
- Sci. Rep. Fac. Ed. Gifu Univ. Natur. Sci.* Science Reports of the Faculty of Education. Gifu University. (Natural Science). (Gifu) (Formerly: *Sci. Rep. Fac. Lib. Arts. Ed. Gifu Univ. Natur. Sci.*)
- Sci. Rep. Fac. Lib. Arts. Ed. Gifu Univ. Natur. Sci.* Science Report of the Faculty of Liberal Arts and Education, Gifu University. (Natural Science). (Gifu) (Continued as: *Sci. Rep. Fac. Ed. Gifu Univ. Natur. Sci.*)
- Sci. Rep. Hiroaki Univ.* Science Reports of the Hiroaki University. (Hiroaki)
- Sci. Rep. Kagoshima Univ.* Science Reports of the Kagoshima University. (Kagoshima)
- Sci. Rep. Kanazawa Univ.* The Science Reports of the Kanazawa University. (Kanazawa)
- Sci. Rep. Niigata Univ. Ser. A.* Science Reports of Niigata University. Series A (Mathematics). (Niigata)
- Sci. Rep. Res. Inst. Theoret. Phys. Hiroshima Univ.* Scientific Reports of the Research Institute for Theoretical Physics, Hiroshima University. (Hiroshima)
- Sci. Rep. Saitama Univ. Ser. A.* The Science Reports of the Saitama University. Series A. Mathematics, Physics and Chemistry. (Urawa)
- Sci. Rep. Tokyo Kyoiku Daigaku Sect. A.* Science Reports of the Tokyo Kyoiku Daigaku (Tokyo University of Education). Section A. (Tokyo)
- Sci. Rep. Yokohama Nat. Univ. Sect. I.* Science Reports of the Yokohama National University. Section I. Mathematics, Physics. (Yokohama)
- Sci. Sinica.* Scientia Sinica. (Peking)
- Scientia (Valparaiso).* Universidad Técnica Federico Santa María. Scientia. (Valparaiso)
- Scripta Math.* Scripta Mathematica. A Quarterly Journal Devoted to the Philosophy, History, and Expository Treatment of Mathematics. (New York)
- Shengzue Xuebao.* See *Acta Acust. Sinica.*
- Shuxue Jinzhan.* Chinese Mathematical Society. Academia Sinica. Shuxue Jinzhan (Progress in Mathematics). (Peking)
- SIAM J. Appl. Math.* SIAM Journal on Applied Mathematics. (Philadelphia, Pa.) (Formerly: *J. Soc. Indust. Appl. Math.*)
- SIAM J. Control.* SIAM Journal on Control. (Philadelphia, Pa.) (Formerly: *J. Soc. Indust. Appl. Math. Ser. A Control*)
- SIAM J. Numer. Anal.* SIAM Journal on Numerical Analysis. (Philadelphia, Pa.) (Formerly: *J. Soc. Indust. Appl. Math. Ser. B Numer. Anal.*)
- SIAM Rev.* SIAM Review. A Publication of the Society for Industrial and Applied Mathematics. (Philadelphia, Pa.)
- Siberian Math. J.* Siberian Mathematical Journal. (New York) (Translation of *Sibirsk. Mat. Ž.*)
- Sibirsk. Mat. Ž.* Akademija Nauk SSSR. Sibirskoe Otdelenie. Sibirskii Matematičeskii Žurnal. (Moscow) (Translated as *Siberian Math. J.*)
- Simon Stevin.* Simon Stevin. Wis- en Natuurkundig Tijdschrift. (Groningen-Djakarta)
- Skand. Aktuarietidskr.* Skandinavisk Aktuarietidskrift. (Uppsala)
- Skv. Norske Vid.-Akad. Oslo I.* Skrifter Utgitt av det Norske Videnskaps-Akademi i Oslo. I. Mat.-Naturv. Klasse. (Oslo)
- Soc. Actuar. Trans.* Society of Actuaries. Transactions. (Chicago, Ill.)

ABBREVIATIONS OF NAMES OF JOURNALS

- Soc. Parana. Mat. Anuário.* Anuário da Sociedade Paranaense de Matemática. (Curitiba)
- Soc. Sci. Fenn. Comment. Phys.-Math.* Societas Scientiarum Fennica. Commentationes Physico-Mathematicae. (Helsinki)
- Soobsh. Akad. Nauk Gruzin. SSR.* Soobsheniya Akademii Nauk Gruzinskoi SSR. (Tbilisi) See *Sakharth. SSR Mecn. Akad. Moambe.*
- Soviet Appl. Mech.* Soviet Applied Mechanics. (New York) (Translation of *Prikladna. Meh.*)
- Soviet Astronom. AJ.* Soviet Astronomy. AJ. (A translation of *Astronomičeskij Žurnal* of the Academy of Sciences of the USSR). (New York) (Translation of *Astronom. Ž.*)
- Soviet J. Nuclear Phys.* American Institute of Physics. Soviet Journal of Nuclear Physics. (New York) (Translation of *Jadernaja Fiz.*)
- Soviet Math. Dokl.* Soviet Mathematics. Doklady. (A translation of the mathematics section of *Doklady Akademii Nauk SSSR*). (Providence, R.I.) (Translation of mathematics section of *Dokl. Akad. Nauk SSSR*)
- Soviet Physics Acoust.* Soviet Physics. Acoustics. (A translation of *Akustičeskij Žurnal* of the Academy of Sciences of the USSR). (New York) (Translation of *Akust. Ž.*)
- Soviet Physics Cryst.* Soviet Physics. Crystallography. (A translation of the journal *Kristallografija* of the Academy of Sciences of the USSR). (New York) (Translation of *Kristallografija*)
- Soviet Physics Dokl.* Soviet Physics. Doklady. (A translation of the physics sections of *Doklady Akademii Nauk SSSR*). (New York) (Translation of physics sections of *Dokl. Akad. Nauk SSSR*)
- Soviet Physics JETP.* Soviet Physics. JETP. (A translation of *Ž. Eksperimental'noj i Teoretičeskoj Fiziki* of the USSR). (New York) (Translation of *Ž. Eksper. Teor. Fiz.*)
- Soviet Physics Solid State.* Soviet Physics. Solid State. (A translation of the journal *Fizika Tverdogo Tela* of the Academy of Sciences of the USSR). (New York) (Translation of *Fiz. Tverd. Tela*)
- Soviet Physics Tech. Phys.* Soviet Physics. Technical Physics. (A translation of *Žurnal Tehničeskoj Fiziki* of the Academy of Sciences of the USSR). (New York) (Translation of *Ž. Tehn. Fiz.*)
- Soviet Physics Uspekhi.* Soviet Physics. Uspekhi. (A translation of *Uspehi Fizičeskich Nauk* (Advances in the Physical Sciences) of the Academy of Sciences, U.S.S.R.). (New York) (Translation of *Uspehi Fiz. Nauk*)
- Soviet Radio Engng.* Soviet Radio Engineering. (A translation of *Izvestiya VUZ Radiotekhnika* of the Higher Educational Institute of the USSR). (New York) (Translation of *Izv. Vysš. Učebn. Zaved. Radiotekhn.*)
- Soviet Radiophys.* Soviet Radiophysics. (A translation of the *Izvestija Vysšich Učebnyh Zavedenij Radiofizika* of the Ministry of Higher Education of the USSR). (New York) (Translation of *Izv. Vysš. Učebn. Zaved. Radiofizika*)
- Spisy Ped. Fak. v Ostravě.* Spisy Pedagogické Fakulty v Ostravě. (Ostrava)
- Spisy Přírod. Fak. Univ. Brno.* Spisy Přírodovědecké Fakulty University v Brně. Trudy Estestvenno-Istoričeskogo Fakul'teta Universiteta v g. Brno. Publications de la Faculté des Sciences de l'Université à Brno. (Brno)
- Statist. Theory Method Abstracts.* Statistical Theory and Method Abstracts. (London)
- Statistics (Bologna).* Statistica. (Bologna)
- Statistica Neerlandica.* Statistica Neerlandica. Orgaan van de Vereniging voor Statistiek. (The Hague)
- Stroje na Zpracování Informací.* Československá Akademie Věd. Výzkumný Ústav Matematických Strojů. Research Institute of Mathematical Machines. Isledovatel'skij Institut Matematičeskich Mašin. Stroje na Zpracování Informací. (Prague)
- Stud. Cerc. Fiz.* Studii și Cercetări de Fizică. (Bucharest)
- Stud. Cerc. Mat.* Studii și Cercetări Matematice. (Bucharest)
- Stud. Cerc. Mec. Apl.* Studii și Cercetări de Mecanică Aplicată. (Bucharest) (Formerly: *Acad. R. P. Romîne Stud. Cerc. Mec. Apl.*)
- Studia Logica.* Polska Akademia Nauk. Komitet Filozoficzny. Studia Logica. (Warsaw)
- Studia Math.* Polska Akademia Nauk. Studia Mathematica. (Warsaw)
- Studia Rev. Univ. del Atlántico.* Universidad del Atlántico. Studia Revista de la Universidad del Atlántico. (Barranquilla)
- Studia Sci. Math. Hungar.* Consilium Instituti Mathematici Academiae Scientiarum Hungaricae. Studia Scientiarum Mathematicarum Hungarica. (Budapest) (Formerly: *Magyar Tud. Akad. Mat. Kutató Int. Közl.*)
- Studia Univ. Babeş-Bolyai Ser. Math.-Phys.* Studia Universitatis Babeş-Bolyai. Series Mathematica-Physica. (Cluj)
- Sûgaku.* Mathematical Society of Japan. Sûgaku (Mathematics). (Tokyo)
- Su-hak kwa Mul-li.* Academy of Science of the People's Democratic Republic of Korea. Research Center for Physics and Mathematics. Su-hak kwa Mul-li (Mathematics and Physics). (Pyongyang)
- Summa Brasil. Math.* Summa Brasiliensis Mathematicae. (Rio de Janeiro)
- Sverdlovsk. Gos. Ped. Inst. Učen. Zap.* Sverdlovskij Gosudarstvennyj Pedagogičeskij Institut. Učenyje Zapiski. (Sverdlovsk)
- Tadžik. Gos. Univ. Učen. Zap.* Tadžikskij Gosudarstvennyj Universitet im. V. I. Lenina. Učenyje Zapiski. Trudy Fiziko-Matematičeskogo Fakul'teta. Serija Matematičeskaja. (Dushanbe)
- Tartu Riiki. Ül. Toimetised.* Tartu Riikliku Ülikooli Toimetised. Učenyje Zapiski Tartuskogo Gosudarstvennogo Universiteta. Matematika-Loodusteaduskonna Töid. Trudy Estestvenno-Matematičeskogo Fakul'teta. (Tartu)
- Taşkent. Gos. Ped. Inst. Učen. Zap.* Ministerstvo Prosvešeniya Uzbekskoi SSR. Taškentskij Gosudarstvennyj Pedagogičeskij Institut im. Nizami. Učenyje Zapiski. (Taškent)
- Taşkent. Gos. Univ. Naučn. Trudy.* Taškentskij Gosudarstvennyj Universitet. Naučnye Trudy. (Taškent)
- Taşkent. Politehn. Inst. Naučn. Trudy.* Ministerstvo Vysšego i Srednego Special'nogo Obrazovaniya. Taškentskij Politehničeskij Institut. Naučnye Trudy. Novaja Serija. (Taškent)
- Taşkent. Tekstil. Inst. Kaf. Vysš. Mat. Sb. Naučn.-Issled. Rabot Ser. Mat.* Taškentskij Tekstil'nyj Institut. Kafedra Vysšej Matematiki. Sbornik Naučno-Issledovatel'skikh Rabot. Serija Matematiki. (Taškent)
- Tbiliss. Gos. Univ. Trudy Ser. Fiz. Nauk.* Tbiliskij Gosudarstvennyj Universitet. Trudy. Serija Fizičeskich Nauk. (Tbilisi) See *Tbiliss. Sağelmç. Univ. Şrom. Fiz. Mecn. Ser.*
- Tbiliss. Gos. Univ. Trudy Ser. Meh.-Mat. Nauk.* Tbiliskij Gosudarstvennyj Universitet. Trudy. Serija Mehaniko-Matematičeskich Nauk. (Tbilisi) See *Tbiliss. Sağelmç. Univ. Şrom. Mekh.-Math. Mecn. Ser.*
- Tech. Mitt. Krupp.* Technische Mitteilungen Krupp. (Essen)
- Tech. Rep. Osaka Univ.* Technology Reports of the Osaka University. (Osaka)
- Tech. Transl.* Technical Translations. (Washington, D.C.)
- Technometrics.* Technometrics. A Journal of Statistics for the Physical, Chemical and Engineering Sciences. (Princeton, N.J.)
- Tellus.* Svenska Geofysiska Föreningen. Tellus. A Quarterly Journal of Geophysics. (Uppsala)
- Tensor.* Tensor. New Series. The Tensor Society. (Tokyo)
- Teor. Funkcij Funkcional. Anal. i Priłożen.* Har'kovskij Ordena Trudovogo Krasnogo Znamenija Gosudarstvennyj Universitet imeni A. M. Gor'kogo. Teorija Funkcij, Funkcional'nyj Analiz i ih Priłożeniya. (Kharkov)
- Teor. Veroyatnost. i Primenen.* Akademija Nauk SSSR. Teorija Veroyatnostei i ee Primeneniya. (Moscow) (Translated as: *Theor. Probability Appl.*)
- Teoret. Elektrotehn.* L'vovskij Gosudarstvennyj Universitet. Teoretičeskaja Elektrotehnika. (Lvov)
- Teoret. Prikl. Mat.* MVSSO URSR L'vivskij Ordena Lenina Deržavnij Universitet im. Iv. Franka. Teoretična i Prikladna Matematika. (Lvov)

ABBREVIATIONS OF NAMES OF JOURNALS

Thalès. Thalès. Recueil Annuel des Travaux de l'Institut d'Histoire des Sciences et des Techniques de l'Université de Paris. (Paris)

Tbilis. Saĥelmç. Univ. Šrom. Mekh.-Mat. Mecn. Ser. Tbilisis Saĥelmçipho Universiteti. Šromebi. Mekhanika-Matematikiš Mecnierebatha Seria. (Tbilisi) (Formerly listed as: *Tbilis. Gos. Univ. Trudy Ser. Meh.-Mat. Nauk*)

Tbilis. Saĥelmç. Univ. Šrom. Fiz. Mecn. Ser. Tbilisis Saĥelmçipho Universiteti. Šromebi. Fizikiš Mecnierebatha Seria. (Tbilisi) (Formerly listed as: *Tbilis. Gos. Univ. Trudy Ser. Fiz. Nauk*)

Theor. Probability Appl. Theory of Probability and its Applications. (An English translation of the Soviet journal *Teoriya Veroyatnostei i ee Primeneniya*). (Philadelphia, Pa.) (Translation of *Teor. Veroyatnost. i Primenen.*)

Tiraspol. Gos. Ped. Inst. Učen. Zap. Tiraspol'skii Gosudarstvennyi Pedagogičeskii Institut im. T. G. Ševčenko. Učenyje Zapiski. (Kishinov)

Tjumen. Gos. Ped. Inst. Učen. Zap. Ministerstvo Prosvěšćenija RSFSR. Tjumenskii Gosudarstvennyi Pedagogičeskii Institut. Učenyje Zapiski. (Tyumen)

Tōhoku Math. J. The Tōhoku Mathematical Journal. (Sendai)

Tomsk. Gos. Univ. Učen. Zap. Tomskii Gosudarstvennyi Universitet im. V. V. Kulbyševa. Učenyje Zapiski. (Tomsk)

Topology. Topology. An International Journal of Mathematics. (Oxford)

Trabajos Estadist. Trabajos de Estadística. (Madrid)

Trans. Amer. Math. Soc. Transactions of the American Mathematical Society. (Providence, R.I.)

Trans. ASME Ser. E. J. Appl. Mech. Transactions of the ASME. Series E. Journal of Applied Mechanics. (New York)

Trans. Moscow Math. Soc. Transactions of the Moscow Mathematical Society. (Providence, R.I.) (Translation of *Trudy Moskov. Mat. Obšč.*)

Trans. New York Acad. Sci. Transactions of the New York Academy of Sciences. (New York)

Trans. Roy. Soc. South Africa. Transactions of the Royal Society of South Africa. (Cape Town)

Transportation Sci. Operations Research Society of America. Transportation Science Section. Transportation Science. (Baltimore, Md.)

TRU Math. TRU Mathematics. (Tokyo)

Trudy Fiz. Inst. Lebedev. Akademija Nauk SSSR. Trudy Fizičeskogo Instituta im. P. N. Lebedeva. (Moscow)

Trudy Geometr. Sem. Akademija Nauk SSSR. Institut Naučnoj Informacii. VINITI. Trudy Geometričeskogo Seminara. (Moscow)

Trudy Inst. Istor. Estest. Tehn. Akademija Nauk SSSR. Trudy Instituta Istorii Estestvoznaniija i Tehniki. (Moscow)

Trudy Kazan. Aviacion. Inst. Trudy Kazanskogo Aviacionnogo Instituta. Matematika i Mehanika. (Kazan)

Trudy Leningrad. Tehn. Inst. Trudy Kafedr Meh. Fak. Ministerstvo Vyšego Obrazovanija SSSR. Trudy Leningradskogo Tehnologičeskogo Instituta imeni Lensoвета. Trudy Kafedr Mehaničeskogo Fakul'teta. (Leningrad)

Trudy Mat. Inst. Steklov. Akademija Nauk Sojuza Sovetskikh Socialističeskikh Respublik. Trudy Matematičeskogo Instituta im. V. A. Steklova. (Moscow-Leningrad) (Translated as: *Proc. Steklov Inst. Math.*)

Trudy Moskov. Mat. Obšč. Trudy Moskovskogo Matematičeskogo Obščestva. (Moscow) (Translated as: *Trans. Moscow Math. Soc.*)

Trudy Moskov. Orden. Lenin. Energet. Inst. Ministerstvo Vyšego i Srednego Special'nogo Obrazovanija RSFSR. Trudy Moskovskogo Ordena Lenina Energetičeskogo Instituta. (Moscow)

Trudy Naučn. Ob'ed. Prepodav. Fiz.-Mat. Fak. Ped. Inst. Dal'n. Vostok. Ministerstvo Prosvěšćenija RSFSR. Habarovskii Gosudarstvennyi Pedagogičeskii Institut. Trudy Naučnogo Ob'edinenija Prepodavatelei Fiziko-matematičeskikh Fakul'tetov Pedagogičeskikh Institutov Dal'nego Vostoka. (Khabarovsk)

Trudy Samarkand. Gos. Univ. Mat. Ministerstvo Vyšego i Srednego Special'nogo Obrazovanija UzSSR. Trudy Samarkandskogo Gosudarstvennogo Universiteta im. A. Navoi. Matematika. (Samarkand)

Trudy Sem. Obratn. Kraev. Zadačam. Trudy Seminara po Obratnym Kraevym Zadačam. (Kazan)

Trudy Sem. Teor. Differencial. Uravneniŭ s Otklon. Argumentom Univ. Drulby Narodov Patriaš Lumumby. Trudy Seminara po Teorii Differencial'nyh Uravneniŭ s Otklonjajušimja Argumentom. Universitet Drulby Narodov imeni Patriaš Lumumby. (Moscow)

Trudy Sem. Vektor. Tensor. Anal. Trudy Seminara po Vektornomu i Tenzornomu Analizu s ih Priloženijami k Geometrii, Mehanike i Fizike. (Moscow)

Trudy Sibirsk. Fiz.-Tehn. Inst. Trudy Sibirskogo Fiziko-Tehničeskogo Instituta imeni Akademika V. D. Kuznecova. (Tomsk)

Trudy Taškent. Gos. Univ. Trudy Taškentskogo Gosudarstvennogo Universiteta im. V. I. Lenina. Matematika. (Taškent) See *Taškent. Gos. Univ. Naučn. Trudy.*

Trudy Tomsk. Gos. Univ. Ser. Meh.-Mat. Trudy Tomskogo Gosudarstvennogo Universiteta im. V. V. Kulbyševa. Serija Mehaniko-Matematičeskaja. (Tomsk)

Trudy Vyčisl. Centra Akad. Nauk Grusin. SSR. Akademija Nauk Gruzinskoi SSR. Trudy Vyčislitel'nogo Centra. (Tbilisi) See *Sakharth. SSR Mecn. Akad. Gamatšel. Centr. Šrom.*

Trudy Vyčisl. Centra Tartu. Gos. Univ. Trudy Vyčislitel'nogo Centra. Tartuskii Gosudarstvennyi Universitet. (Tartu)

Turkmen. Gos. Univ. Učen. Zap. Ministerstvo Narodnogo Obrazovanija TSSR. Turkmeniskii Gosudarstvennyi Universitet imeni A. M. Gor'kogo. Učenyje Zapiski. (Ashkhabad)

U.S.S.R. Comput. Math. and Math. Phys. U.S.S.R. Computational Mathematics and Mathematical Physics. (Oxford) (Translation of *Ž. Vyčisl. Mat. i Mat. Fiz.*)

Učen. Zap. Borisoglebsk. Gos. Ped. Inst. Ministerstvo Prosvěšćenija RSFSR. Učenyje Zapiski. Borisoglebskogo Gosudarstvennogo Pedagogičeskogo Instituta. (Borisoglebsk)

Učen. Zap. Karel. Ped. Inst. Ser. Fiz.-Mat. Nauk. Ministerstvo Prosvěšćenija RSFSR. Karel'skii Pedagogičeskii Institut. Učenyje Zapiski. Serija Fiziko-Matematičeskikh Nauk. (Petrozavodsk)

Ukrain. Fiz. Ž. Akademija Nauk Ukraŭn'skoi RSR. Viddil Fiziki. Ukraŭn'skii Fizičnii Žurnal. (Russian and Ukrainian editions) (Kiev)

Ukrain. Geometr. Sb. Ministerstvo Vyšego i Srednego Special'nogo Obrazovanija USSR. Ukrainiskii Geometričeskii Sbornik. (Khar'kov)

Ukrain. Mat. Ž. Akademija Nauk Ukrainakoi SSR. Institut Matematiki. Ukrainiskii Matematičeskii Žurnal. (Kiev)

Univ. Beograd. Publ. Elektrotehn. Fak. Ser. Mat. Fiz. Univerzitet u Beogradu. Publikacije Elektrotehničkog Fakulteta. Serija Matematika i Fizika. (Belgrade)

Univ. Buenos Aires Contrib. Ci. Ser. Fis. Universidad de Buenos Aires. Facultad de Ciencias Exactas, Físicas y Naturales. Contribuciones Científicas. Serie Física. (Buenos Aires)

Univ. Buenos Aires Contrib. Ci. Ser. Mat. Universidad de Buenos Aires. Facultad de Ciencias Exactas y Naturales. Contribuciones Científicas. Serie Matemática. (Buenos Aires)

Univ. Central Venezuela Bol. Fac. Ing. Universidad Central de Venezuela. Boletín de la Facultad de Ingeniería. (Caracas)

Univ. e Politec. Torino Rend. Sem. Mat. Università e Politecnico di Torino. Rendiconti del Seminario Matematico (già "Conferenze di Fisica e di Matematica"). (Turin)

Univ. Lisboa Revista Fac. Ci. A. Universidade de Lisboa. Revista da Faculdade de Ciências. 2.ª Série. A. Ciências Matemáticas. (Lisbon)

Univ. Madrid Publ. Sec. Mat. Fac. Ci. Universidad de Madrid. Publicaciones de la Sección de Matemática de la Facultad de Ciencias. (Madrid)

Univ. Nac. Ingen. Inst. Mat. Puras Apl. Notas Mat. Universidad Nacional de Ingeniería. Instituto de Matemáticas Puras y Aplicadas. Notas de Matemáticas. (Lima)

ABBREVIATIONS OF NAMES OF JOURNALS

- Univ. Nac. La Plata Publ. Fac. Ci. Fisicomat. Serie Segunda Rev. (or Contrib.)* Universidad Nacional de La Plata. Publicaciones de la Facultad de Ciencias Fisicomatemáticas. Serie Segunda. Revista (or Contribuciones). (La Plata)
- Univ. Nac. La Plata Publ. Fac. Ci. Fisicomat. Serie Tercera Publ. Esp.* Universidad Nacional de La Plata. Publicaciones de la Facultad de Ciencias Fisicomatemáticas. Serie Tercera. Publicaciones Especiales. (La Plata)
- Univ. Nac. Tucumán Rev. Ser. A.* Universidad Nacional de Tucumán. Facultad de Ciencias Exactas y Tecnología. Revista. Serie A. Matemáticas y Física Teórica. (Tucumán)
- Univ. Repúb. Fac. Ingen. Agrimens. Montevideo Publ. Inst. Mat. Estadist.* Universidad de la República. Facultad de Ingeniería y Agrimensura. Montevideo-Uruguay. Publicaciones del Instituto de Matemática y Estadística. (Montevideo)
- Univ. Roorkee Res. J.* University of Roorkee. Research Journal. (Roorkee)
- Univ. Adama Mickiewicza w Poznaniu. Prace Wydz. Mat. Fiz. Chem. Ser. Mat.* Uniwersytet im. Adama Mickiewicza w Poznaniu. Prace Wydziału Matematyki, Fizyki i Chemii. Seria Matematyka. (Poznań)
- Unternehmensforschung.* Unternehmensforschung. Operations Research—Recherche Opérationnelle. (Würzburg)
- Ural. Gos. Univ. Mat. Zap.* Ministerstvo Vysshego i Srednego Special'nogo Obrazovaniya RSFSR. Ural'skii Gosudarstvennyi Universitet im. A. M. Gor'kogo. Ural'skoe Matematicheskoe Obshchestvo. Matematicheskie Zapiski. (Sverdlovsk)
- Ural. Politehn. Inst. Sb.* Ministerstvo Prosvetsheniya RSFSR. Ural'skii Politehnicheskii Institut im. S. M. Kirova. Sbornik. (Sverdlovsk)
- Uspehi Fiz. Nauk.* Akademiya Nauk SSSR. Uspehi Fizicheskikh Nauk. (Moscow-Leningrad) (Translated as: *Soviet Physics Uspekhi*)
- Uspehi Mat. Nauk.* Akademiya Nauk SSSR i Moskovskoe Matematicheskoe Obshchestvo. Uspehi Matematicheskikh Nauk. (Moscow-Leningrad) (Selected articles translated as: *Russian Math. Surveys*)
- Užgorod. Gos. Univ. Naučn. Zap.* MVO USSR. Užgorodskii Gosudarstvennyi Universitet. Naučnye Zapiski. (Lvov)
- V. I. Lenin. Sakharth. Politshk. Inst. Šrom.* V. I. Leninis Sahelobia Šromis Qitheli Drolis Ordenosani Sakharthvelos Politshknikuri Instituti. Šromebi. (Tbilisi) (Formerly listed as: *Gruzian. Politehn. Inst. Trudy*)
- Vesci Akad. Nauk BSSR Ser. Fiz.-Mat. Nauk.* Vesci Akademii Nauk BSSR. Seriya Fizika-matematyčnykh Nauk. (Minsk)
- Vesci Akad. Nauk BSSR Ser. Fiz.-Tehn. Nauk.* Vesci Akademii Nauk BSSR. Seriya Fizika-Tehničnykh Nauk. (Minsk)
- Vestnik Akad. Nauk Kazah. SSR.* Vestnik Akademii Nauk Kazahskoi SSR. (Alma-Ata)
- Vestnik Har'kov. Gos. Univ.* Ministerstvo Vysshego i Srednego Special'nogo Obrazovaniya USSR. Vestnik Har'kovskogo Gosudarstvennogo Universiteta. Seriya Mehaniko-Matematicheskaja. Zapiski Mehaniko-Matematicheskogo Fakulteta i Har'kovskogo Matematicheskogo Obshchestva. (Kharkov) (Formerly: *Har'kov. Gos. Univ. Učen. Zap.*)
- Vestnik Leningrad. Univ.* Vestnik Leningradskogo Universiteta. (Leningrad)
- Vestnik L'vov. Politehn. Inst.* Ministerstvo Vysshego i Srednego Special'nogo Obrazovaniya USSR. Vestnik L'vovskogo Politehnicheskogo Instituta. (Lvov)
- Vestnik Moskov. Univ. Ser. I Mat. Meh.* Vestnik Moskovskogo Universiteta. Seriya I. Matematika, Mehanika. (Moscow)
- Vestnik Moskov. Univ. Ser. III Fiz. Astronom.* Vestnik Moskovskogo Universiteta. Seriya III. Fizika, Astronomiya. (Moscow) (Translated as: *Moscow Univ. Bull. Ser. III Phys. Astronom.*)
- Vidyā. Vidya* (Knowledge). The Journal of the Gujarat University. (Ahmedabad)
- Vierteljahr. Naturforsch. Ges. Zürich.* Vierteljahrsschrift der Naturforschenden Gesellschaft in Zürich. (Zürich)
- Vijnana Parishad Anusandhan Patrika.* Vijnana Parishad Anusandhan Patrika [The Research Journal of the Hindi Science Academy]. (Allahabad)
- Visnik K'iev. Univ.* Visnik Kiiv's'kogo Universitetu. (Kiev)
- Visnik L'viv. Derž. Univ. Ser. Meh.-Mat.* Ministerstvo Viščoi i Srednoi Special'noi Osviti URSS. Visnik L'viv's'kogo Ordena Lenina Deržavnogo Universitetu im. Ivana Franka. (Lvov)
- Volž. Mat. Sb.* Ministerstvo Prosvetsheniya RSFSR. Kuibyshevskii Gosudarstvennyi Pedagogicheskii Institut imeni V. V. Kuibysheva. Volžskii Matematicheskii Sbornik. (Kuybyshev)
- Voprosy Ist. Estest. i Tehn.* Akademiya Nauk SSSR. Voprosy Istarii Estestvoznaniya i Tehniki. (Moscow)
- Voprosy Kosmog.* Akademiya Nauk SSSR. Voprosy Kosmogonii. (Moscow)
- Voprosy Vyčisl. Mat. Tehn.* Akademiya Nauk Uzbekskoi SSR. Institut Mehaniki i Vyčislitel'nyi Centr. Voprosy Vyčislitel'noi Matematiki i Tehniki. (Tashkent)
- Vyčisl. Mat. (Kiev).* Kievskii Gosudarstvennyi Universitet. Kafedra Vyčislitel'noi Matematiki. Vyčislitel'naja Matematika. (Kiev)
- Vyčisl. Sistemy.* Akademiya Nauk SSSR. Sibirskoe Otdelenie. Institut Matematiki. Vyčislitel'nye Sistemy. Sbornik Trudov. (Novosibirsk)
- Vyčisl. Tehn. Voprosy Programm.* Leningradskii Ordena Lenina Gosudarstvennyi Universitet imeni A. A. Ždanova. Kafedra Vyčislitel'noi Matematiki i Vyčislitel'nyi Centr. Vyčislitel'naja Tehnika i Voprosy Programirovaniya. (Leningrad)
- Wiadom. Mat. Roczniki Polskiego Towarzystwa Matematycznego. Ser. II.* Wiadomości Matematyczne. (Warsaw)
- Wiss. Z. Ernst-Moritz-Arndt-Univ. Greifswald Math.-Natur. Reihe.* Wissenschaftliche Zeitschrift der Ernst-Moritz-Arndt-Universität Greifswald. Mathematisch-Naturwissenschaftliche Reihe. (Greifswald)
- Wiss. Z. Friedrich-Schiller-Univ. Jena/Thüringen.* Wissenschaftliche Zeitschrift der Friedrich-Schiller-Universität Jena/Thüringen. (Jena/Thüringen)
- Wiss. Z. Hochsch. Verkehrsweesen "Friedrich List" Dresden.* Wissenschaftliche Zeitschrift der Hochschule für Verkehrsweesen "Friedrich List" in Dresden. Die Anwendung mathematischer Methoden im Transport- und Nachrichtenwesen. (Dresden)
- Wiss. Z. Humboldt-Univ. Berlin Math.-Natur. Reihe.* Wissenschaftliche Zeitschrift der Humboldt-Universität Berlin. Mathematisch-Naturwissenschaftliche Reihe. (Berlin)
- Wiss. Z. Karl-Marx-Univ. Leipzig Math.-Natur. Reihe.* Wissenschaftliche Zeitschrift der Karl-Marx-Universität Leipzig. Mathematisch-Naturwissenschaftliche Reihe. (Leipzig)
- Wiss. Z. Martin-Luther-Univ. Halle-Wittenberg Math.-Natur. Reihe.* Wissenschaftliche Zeitschrift der Martin-Luther-Universität Halle-Wittenberg. Mathematisch-Naturwissenschaftliche Reihe. (Halle-Wittenberg)
- Wiss. Z. Pädagog. Hochsch. Potsdam Math.-Natur. Reihe.* Wissenschaftliche Zeitschrift der Pädagogischen Hochschule Potsdam. Mathematisch-Naturwissenschaftliche Reihe. (Potsdam)
- Wiss. Z. Techn. Hochsch. Chem. Leuna-Merseburg.* Wissenschaftliche Zeitschrift der Technischen Hochschule für Chemie Leuna-Merseburg. (Leuna-Merseburg)
- Wiss. Z. Techn. Hochsch. Ilmenau.* Wissenschaftliche Zeitschrift der Technischen Hochschule Ilmenau. (Ilmenau)
- Wiss. Z. Techn. Univ. Dresden.* Wissenschaftliche Zeitschrift der Technischen Universität Dresden. (Dresden)
- Wyższ. Szkoła Ped. Krakow. Rocznik Nauk.-Dydakt. Prace Mat.* Wyższa Szkoła Pedagogiczna w Krakowie. Rocznik Naukowo-Dydaktyczny. Prace Matematyczne. (Cracow)
- Yokohama Math. J.* Yokohama Mathematical Journal. (Yokohama)
- Z. Angew. Math. Mech.* Zeitschrift für Angewandte Mathematik und Mechanik. Ingenieurwissenschaftliche Forschungsarbeiten. (Berlin)

ABBREVIATIONS OF NAMES OF JOURNALS

- Z. Angew. Math. Phys.* Zeitschrift für Angewandte Mathematik und Physik. ZAMP. Journal of Applied Mathematics and Physics. Journal de Mathématiques et de Physiques Appliquées. (Basel)
- Z. Astrophys.* Zeitschrift für Astrophysik. (Berlin-Göttingen-Heidelberg)
- Ž. Eksper. Teoret. Fiz.* Akademija Nauk SSSR. Žurnal Eksperimental'noj i Teoretičeskoj Fiziki. (Moscow) (Translated as: *Soviet Physics JETP*)
- Z. Math. Logik Grundlagen Math.* Zeitschrift für Mathematische Logik und Grundlagen der Mathematik. (Berlin)
- Z. Naturforsch.* Zeitschrift für Naturforschung. (Tübingen)
- Z. Phonetik Sprachwiss. Kommunikat.* Zeitschrift für Phonetik Sprachwissenschaft und Kommunikationsforschung. (Berlin)
- Z. Physik.* Zeitschrift für Physik. (Berlin-Göttingen-Heidelberg)
- Ž. Prikl. Meh. i Tehn. Fiz.* Žurnal Prikladnoj Mehaniki i Tehničeskoj Fiziki. (Moscow)
- Ž. Tehn. Fiz.* Akademija Nauk SSSR. Žurnal Tehničeskoj Fiziki. (Moscow-Leningrad) (Translated as: *Soviet Physics Tech. Phys.*)
- Ž. Vyšš. Mat. i Mat. Fiz.* Akademija Nauk SSSR. Žurnal Vyššitel'noj Matematiki i Matematičeskoj Fiziki. (Moscow) (Translated as: *U.S.S.R. Comput. Math. and Math. Phys.*)
- Z. Wahrscheinlichkeitstheorie und Verw. Gebiete.* Zeitschrift für Wahrscheinlichkeitstheorie und Verwandte Gebiete. (Berlin)
- Zap. Naučn. Sem. Leningrad. Otdel. Mat. Inst. Steklov. (LOMI).* Zapiski Naučnyh Seminarov Leningradskogo Otdelenija Matematičeskogo Instituta im. V. A. Steklova Akademii Nauk SSSR (LOMI). (Moscow)
- Zap. Meh.-Mat. Fak. i Har'kov. Mat. Obšč.* See *Vestnik Har'kov. Gos. Univ.*

- Zastos. Mat.* Polska Akademia Nauk. Instytut Matematyczny. Zastosowania Matematyki. (Warsaw)
- Zbl. Zentralblatt für Mathematik und ihre Grenzgebiete.* (Berlin-Göttingen-Heidelberg)
- Zbl. Math.* Zentralblatt für Mathematik und ihre Grenzgebiete. (Berlin-Göttingen-Heidelberg) (Usually abbreviated *Zbl* in the text of *Math. Reviews*)
- Zeszyty Nauk. Mat. Fiz. i Chem. Wyt. Szkol. Ped. Gdańsk.* Zeszyty Naukowe Matematyka Fizyka i Chemia. Wyższa Szkoła Pedagogiczna w Gdańsku. Wydział Matematyki, Fizyki i Chemii. (Gdańsk)
- Zeszyty Nauk. Politech. Poznań.* Zeszyty Naukowe Politechniki Poznańskiej. (Poznań)
- Zeszyty Nauk. Politech. Szczecin.* Zeszyty Naukowe Politechniki Szczecińskiej. (Szczecin)
- Zeszyty Nauk. Politech. Warszawsk. Mat.* Politechnika Warszawska. Instytut Matematyki. Zeszyty Naukowe. Matematyka i jej Zastosowanie. (Warsaw)
- Zeszyty Nauk. Univ. Jagiello. Prace Fiz.* Zeszyty Naukowe Uniwersytetu Jagiellońskiego. Prace Fizyczne. (Kraków)
- Zeszyty Nauk. Univ. Jagiello. Prace Mat.* Zeszyty Naukowe Uniwersytetu Jagiellońskiego. Prace Matematyczne. (Matematyka, Fizyka, Chemia) (Kraków)
- Zeszyty Nauk. Univ. Łódzk. Nauki Mat. Przyrod. Ser. II.* Zeszyty Naukowe Uniwersytetu Łódzkiego. Nauki Matematyczno-Przyrodnicze. Seria II. (Łódź)
- Zhongguo Kexue Jishu Daxue Xuebao.* (Peking) See *J. China Univ. Sci. Techn.*

JOURNALS IN TRANSLATION

- Acta Mech. Sinica* (New York). *Acta Mechanica Sinica*. (New York) (Translation of *Acta Mech. Sinica* (Peking))
- Astrophysics*. *Astrophysics*. (A translation of *Astrofizika* of the Academy of Sciences of the Armenian SSR). (New York) (Translation of *Astrofizika*)
- Automat. Remote Control*. *Automation and Remote Control*. (A translation of *Avtomatika i Telemekhanika*, a publication of the Academy of Sciences of the USSR). (Pittsburgh, Pa.) (Translation of *Avtomat. i Telemekh.*)
- Chinese J. Phys.* (Peking) *Chinese Journal of Physics* (Peking). (A translation of *Acta Physica Sinica* of the Chinese Academy of Sciences, Peking). (New York) (Translation of *Acta Phys. Sinica*)
- Chinese Math.*—*Acta*. *Chinese Mathematics*. Translation of *Acta Mathematica Sinica*. (Providence, R.I.) (Translation of *Acta Math. Sinica*)
- Cosmic Research*. *Cosmic Research*. (A translation of *Kosmicheskie Issledovaniya* of the Academy of Sciences of the USSR). (New York) (Translation of *Kosmich.*)
- Cybernetics*. *Cybernetics*. (New York) (A translation of *Kibernetika* (Kiev))
- Differential Equations*. *Differential Equations*. (New York) (Translation of *Differentsial'nye Uravneniya*)
- Engng. Cybernetics*. *Engineering Cybernetics*. English Edition of *Tekhnicheskaya Kibernetika*. (New York) (Translation of *Izv. Akad. Nauk SSSR Tehn. Kibernet.*)
- Izv. Acad. Sci. USSR Atmospher. Ocean. Phys.* *Izvestiya Academy of Sciences USSR. Atmospheric and Oceanic Physics*. (Washington, D.C.) (Translation of *Izv. Akad. Nauk SSSR Ser. Fiz. Atmosfer. i Okeana*)
- Izv. Acad. Sci. USSR Phys. Solid Earth*. *Izvestiya Academy of Sciences USSR. Physics of the Solid Earth*. (Washington, D.C.) (Translation of *Izv. Akad. Nauk SSSR Ser. Fiz. Zemli*)
- J. Appl. Math. Mech.* *Journal of Applied Mathematics and Mechanics*. (Translation of the Soviet journal *Prikladnaya Matematika i Mekhanika*). (New York) (Translation of *Prikl. Mat. Meh.*)
- Magnetohydrodynamics*. *Magnetohydrodynamics*. (A translation of *Magnitnaya Gidrodinamika* of the Academy of Sciences of the Latvian SSR). (New York) (Translation of *Magnit. Gidrodinamika*)
- Moscow Univ. Bull. Ser. III Phys. Astronom.* *Moscow University. Moscow University Bulletin. Series III. Physics and Astronomy*. (Acton, Mass.) (Translation of *Vestnik Moskov. Univ. Ser. III Fiz. Astronom.*)
- Probleme der Kybernetik*. *Probleme der Kybernetik*. (Berlin) (Translation of *Problemy Kibernet.*)
- Problems of Information Transmission*. *Problems of Information Transmission*. (New York) (Translation of *Problemy Peredachi Informatsii*)
- Proc. Steklov Inst. Math.* *Proceedings of the Steklov Institute of Mathematics*. (Providence, R.I.) (Translation of *Trudy Mat. Inst. Steklov.*)
- Radio Engng. Electron. Phys.* *Radio Engineering and Electronic Physics*. (Translation of *Radiotekhnika i Elektronika*, a U.S.S.R. Academy of Sciences Publication). (New York) (Translation of *Radiotekhn. i Elektron.*)
- Russian Math. Surveys*. *Russian Mathematical Surveys*. (A translation of the survey articles and of selected biographical articles in *Uspehi Matematicheskikh Nauk*). (London) (Translation of *Uspehi Mat. Nauk*)
- Siberian Math. J.* *Siberian Mathematical Journal*. (New York) (Translation of *Sibirsk. Mat. Z.*)
- Soviet Appl. Mech.* *Soviet Applied Mechanics*. (New York) (Translation of *Prikladna. Meh.*)
- Soviet Astronom. AJ.* *Soviet Astronomy. AJ.* (A translation of *Astronomicheskii Zhurnal* of the Academy of Sciences of the USSR). (New York) (Translation of *Astronom. Zh.*)
- Soviet J. Nuclear Phys.* *American Institute of Physics. Soviet Journal of Nuclear Physics*. (New York) (Translation of *Jadernaja Fiz.*)
- Soviet Math. Dokl.* *Soviet Mathematics. Doklady*. (A translation of the mathematics section of *Doklady Akademii Nauk SSSR*). (Providence, R.I.) (Translation of mathematics section of *Dokl. Akad. Nauk SSSR*)
- Soviet Physics Acoust.* *Soviet Physics. Acoustics*. (A translation of *Akusticheskii Zhurnal* of the Academy of Sciences of the USSR). (New York) (Translation of *Akust. Zh.*)
- Soviet Physics Cryst.* *Soviet Physics. Crystallography*. (A translation of the journal *Kristallografiya* of the Academy of Sciences of the USSR). (New York) (Translation of *Kristallografiya*)
- Soviet Physics Dokl.* *Soviet Physics. Doklady*. (A translation of the physics sections of *Doklady Akademii Nauk SSSR*). (New York) (Translation of physics sections of *Dokl. Akad. Nauk SSSR*)
- Soviet Physics JETP*. *Soviet Physics. JETP*. (A translation of *Zh. Eksperimental'noi i Teoreticheskoi Fiziki* of the USSR). (New York) (Translation of *Zh. Eksp. Teoret. Fiz.*)
- Soviet Physics Solid State*. *Soviet Physics. Solid State*. (A translation of the journal *Fizika Tverdogo Tela* of the Academy of Sciences of the USSR). (New York) (Translation of *Fiz. Tverd. Tela*)
- Soviet Physics Tech. Phys.* *Soviet Physics. Technical Physics*. (A translation of *Zhurnal Tekhnicheskoi Fiziki* of the Academy of Sciences of the USSR). (New York) (Translation of *Zh. Tehn. Fiz.*)
- Soviet Physics Uspekhi*. *Soviet Physics. Uspekhi*. (A translation of *Uspehi Fizicheskikh Nauk* (Advances in the Physical Sciences) of the Academy of Sciences, U.S.S.R.). (New York) (Translation of *Uspehi Fiz. Nauk*)
- Soviet Radio Engng.* *Soviet Radio Engineering*. (A translation of *Izvestiya VUZ Radiotekhnika* of the Higher Educational Institute of the USSR). (New York) (Translation of *Izv. Vysf. Uchebn. Zaved. Radioelektron.*)
- Soviet Radiophys.* *Soviet Radiophysics*. (A translation of the *Izvestiya Vyskh Uchebn. Zavedenii. Radiofizika* of the Ministry of Higher Education of the USSR). (New York) (Translation of *Izv. Vysf. Uchebn. Zaved. Radiofizika*)
- Theor. Probability Appl.* *Theory of Probability and its Applications*. (An English translation of the Soviet journal *Teoriya Veroyatnostei i ee Primeneniya*). (Philadelphia, Pa.) (Translation of *Teor. Veroyatnost. i Primenen.*)
- Trans. Moscow Math. Soc.* *Transactions of the Moscow Mathematical Society*. (Providence, R.I.) (Translation of *Trudy Moskov. Mat. Obsh.*)
- U.S.S.R. Comput. Math. and Math. Phys.* *U.S.S.R. Computational Mathematics and Mathematical Physics*. (Oxford) (Translation of *Zh. Vychisl. Mat. i Mat. Fiz.*)

ERRATA AND ADDENDA

VOLUME 25

#4973: Cetlin, M. L.

Read "(1961)" for "(1962)" and insert "(1962)" after
paging of translation.

VOLUME 31

#742: Mather, Michael

This article appeared in Volume 4 of *Topology*.

VOLUME 32

#5889: Belyi, V. I.

Insert "[Biliĭ, V. Ĭ.]" after the author's name.

Index for Volume 32

On p. 1592, after Belyi, V. I., insert *See Biliĭ, V. Ĭ.*, and
remove the title to an entry for Biliĭ, V. Ĭ. on p. 1594
replacing Biliĭ, V. I.

VOLUME 33

#3104: Miller, John Boris

In lines 11-12 of the review, read $T = Q + (E - F)^{-1} -$
 $(E - G)^{-1}$.

VOLUME 34

#538a-b: Belyi, V. I.

Insert "[Biliĭ, V. Ĭ.]" after the author's name twice.

#1854: Stecenko, V. Ja.

Read "indecomposable", "indecomposability" for "ir-
reducible", "irreducibility".

#1974: Topology seminar, Wisconsin, 1965.

Some of the articles are brief research reports or lecture
résumés. Articles which appear to be in final form will
be reviewed individually.

#3323: Kantorovitz, Shmuel

In the first line read " C^∞ " for " C ".

#3575: Burghilea, Dan

The review should read "there exists, in general, no
simply connected space X , etc."

#4900: Bernau, S. J.

In the last sentence, read: $E(K) = \bigwedge_{\lambda > 0} \bigvee \{E(\lambda, \varepsilon) :$
 $\lambda \in K\}$, where $E(\lambda, \varepsilon)$ is the projection on the null space
of $(|T - \lambda I| - \varepsilon I)^+$, and for a Borel set M , etc.

#4909: Miller, J. B.

The identity should read $Tx \cdot Ty = T[Tx \cdot y + x \cdot Ty - \theta xy]$.

#4949: Gel'man, I. V.

The author considers general operators, rather than
elliptic operators as stated in the review; the reviewer
regrets the error.

#5325: Törnig, W.; Ziegler, M.

Replace the bracket after the second author's name by
"[Ziegler, Martin]".

#6819: Barndorff-Nielsen, O.; Sobel, M.

In the last sentence (in braces) delete "English trans-
lation". The original article appears in English.

#6841: Nagaev, A. V.

Delete the name in brackets.

#7044: Oganesjan, L. A.

In the second sentence, replace λ^2 by λ .

#7562: Goldie, A. W.

In the second paragraph, the definition of \mathcal{C} should be
" $\mathcal{C} = \{c \in R : cx \in P \Rightarrow x \in P\}$ ".

#8453: Yong, Chong-how

Insert "[Yang, Chung-how]" after the author's name.

VOLUME 34 *cont.*

Index for Volume 34

On p. 1633, after Belyi, V. I., insert *See Biliĭ, V. Ĭ.*, and remove the two titles to an entry for Biliĭ, V. Ĭ. on p. 1634. On p. 1703, in the entry for Nagaev, S. V., delete items 3628 and 6841, and insert them in the entry for Nagaev, A. V., deleting "*See Nagaev, S. V.*". Also delete the dagger in 3628. On p. 1733, in Stecenko, V. Ja.

1854, read "indecomposability" for "irreducibility". On p. 1739, under Törnig, W., replace the co-author by Ziegler, Martin. On p. 1749, replace Yong, Chong-how by Yang, Chung-how, and insert a cross reference from the former to the latter. On p. 1750, replace Ziegler-Náray, Maria by Ziegler, Martin; same for second entry above. On p. 1786, delete the erratum for #3628.

VOLUME 35

#135: Hlawka, Edmond

Insert "[Hlawka, Edmund]" after the author's name.

#273: Tamura, T.

Insert "[Tamura, Takayuki]" after the author's name.

#322: Bourbaki, N.

In the title, read "Livres VI" for "Livres V".

#389: Sinanjan, S. O.

The final paragraph (reviewer's remark) should be deleted.

#460: Kostin, A. V.

Insert "[Kostin, O. V.]" after the author's name.

#680: Čebotarev, G. N.

In the second line from the bottom, read " $(1/2\pi)$ " for " $(\frac{1}{2}\pi)$ ".

#1088: Štatland, E. S.

In the second line, read " $Me^{-\pi t(0)} = \dots$ ".

#1604: Grothendieck, Alexander

The year of publication is 1965.

#1846: Manocha, H. L.; Sharma, B. L.

Insert "[Sharma, Bhagirath Lal]" after second author's name.

#2341: Dynkin, E. B.

The first sentence should read as follows: Let E be a countable set and let a be a real-valued function on $E \times E$ such that $a(x, x) \leq 0$ for all $x \in E$, $a(x, y) \geq 0$ for all $x \neq y \in E$, and $\sum_{y \in E} a(x, y) = 0$ for all $x \in E$.

#2754: Harris, Bernhard; Schoenfeld, Lowell

The first author's name is Bernard Harris.

#3065: Belyi, V. I.

Insert "[Biliĭ, V. Ĭ.]" after the author's name.

#3629: Wolfe, Dorothy

Read " $n+2$ points" instead of " $n+1$ points".

#4156: Makowski, A.

In line 2, read " $(n+2)^2$ " for " $(n+2)^3$ ".

#4421: Edrei, Albert; Fuchs, W. H. J.

Read " $T(r, f) = r^{\lambda} \psi(r)$ " for " $T(r, f) = r^{\lambda} \psi(r)$ " in line 7.

#4463: Kurida, Minoru

Author's last name should be Kurita.

#5608: Borovskii, Ju. E.

Read " $f: U \rightarrow V$ " for " $f: U \approx V$ ".

#6102: Dubrovin, A. A.

Add the following references to the work of E. Heinz: Math. Z. 72 (1959/60), 107-126 [MR 22 #7088]; *ibid.* 74 (1960), 129-157 [MR 22 #7089].

TRANSLITERATION OF CYRILLIC

Russian Letter Cap. Ital.	Mathematical Reviews; Zentralblatt für Mathematik	Bulletin Signalétique	Applied Mechanics Reviews	Science Abstracts	U.S. Library of Congress	Amer. Slavic & E. European Review	Journal of Symbolic Logic
А а	a	a	a	a	a	a	a
Б б	b	b	b	b	b	b	b
В в	v	v	v	v	v	v	v
Г г	g	g	g	g	g	g	g
Д д	d	d	d	d	d	d	d
Е е	e	e	e	e	e	e	é
Ё ё	ë	ë	ë	ë	ë	ë	ë
Ж ж	zh	zh	zh	zh	zh	ž	ž
З з	z	z	z	z	z	z	z
И и	i	i	i	i	i	i	i
Й й	j	j	j	j	j	j	j
К к	k	k	k	k	k	k	k
Л л	l	l	l	l	l	l	l
М м	m	m	m	m	m	m	m
Н н	n	n	n	n	n	n	n
О о	o	o	o	o	o	o	o
П п	p	p	p	p	p	p	p
Р р	r	r	r	r	r	r	r
С с	s	s	s	s	s	s	s
Т т	t	t	t	t	t	t	t
У у	u	u	u	u	u	u	u
Ф ф	f	f	f	f	f	f	f
Х х	h	kh	kh	kh	kh	kh	h
Ц ц	c	c	ts	ts	ts	c	c
Ч ч	ch	ch	ch	ch	ch	č	č
Ш ш	sh	sh	sh	sh	sh	š	š
Щ щ	šč	shch	shch	shch	shch	šč	šč
Ъ ъ							
Ы ы	y	y	y	y	y	y	y
Ь ь							
Э э	è	e	e	é	é	è	e
Ю ю	ju	ju	yu	yu	ju	ju	ú
Я я	ja	ja	ya	ya	ia	ja	á

Other *Mathematical Reviews* conventions are as follows:

The Ukrainian І, і are transliterated I, i, respectively.

The Ukrainian І, і are reproduced without change.

The Serbian Ђ, ђ are transliterated Đ, đ, respectively.

The Serbian Ћ, ћ are transliterated Ć, ć; the Serbian Ў, ў are transliterated Dł, dł.

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